

Antonín V ě z d a :

**Lichenes novi vel rariores Sudetorum occidentaliu**

*Thelidium aurantii* (MASS.) KREMPELH. — Montes Krkonoše: in rupibus porphyricis locis interdum irroratis in pede montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m.

*Microglaena corrosa* (KBR.) ARN. — Montes Krkonoše: schisticola in monte "Liščí hora", ca 1300 m (his locis edita in exs. VĚZDA: Lich. sel. 51);\*) schisticola in valle "Obří důl" pluribus locis, ca 1000—1300 m, et in monte "Sněžka" ca 1350 m; ad lapidem graniticum in valle rivi "Mumlava", ca 950 m; ad lapides schistosos in summo iugi "Příchovický hřeben", ca 950 m.

*M. sphinctrinoides* (NYL.) LÖNNR. — Montes Krkonoše: ad terram humosam humidam in monte "Sněžka" ca 1400 m; ad muscos et hepaticas supra terram et ad rupes graniticas in valle rivi "Mumlava" ca 900 m.

*Gongylia macrospora* SERV., Spec. novae Verruc. et generum aff. 1953, p. 29; VĚZDA in Přírodověd. čas. slezský 21 : 258, 1960. — Montes Krkonoše: supra terram humosam macram et muscos destructos in monte "Sněžka", ca 1400 m.

*Dermatocarpon lachneum* (ACH.) A. L. SM. — Montes Krkonoše: in fissuris rupium porphyricarum in pede montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m.

*Arthopyrenia lomnitzensis* STEIN. — Montes Krkonoše: supra crustam *Jonaspidis odorae* ACH. ad saxa granitica interdum inundata torrentis "Mumlava", ca 1000 m (his locis edita in exs. VĚZDA: Lich. sel. 28).

*Belonia russula* KBR. — Montes Krkonoše: in rupibus porphyricis in pede montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m; muscicola in rupibus schistosis locis "Kotelní jámy" dictis, ca 1300 m (cfr. VĚZDA in Přírodověd. čas. slezský 20 : 241—253, 1959).

*Porina güntheri* (FLOT.) ZAHLBR. — Montes Krkonoše: ad rupes porphyricas locis subumbrosis in pede montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m; ad saxa granitica in valle rivi "Mumlava", ca 900 m; in rupe schistosa umbrosa in summo iugi "Příchovický hřeben" prope opp. Šumburk, ca 950 m.

*P. lectissima* (FR.) ZAHLBR. — Montes Krkonoše: ad lapidos graniticos in rivo "Mumlava" pluribus locis, ca 900—1000 m.

*P. sudetica* (KBR.) LETT. — Montes Krkonoše: muscicola ad rupes schistosas locis "Kotelní jámy" dictis ca 1300 m.

*Opegrapha persoonii* (ACH.) ACH. — Montes Krkonoše: in rupe porphyrica ad pedem montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m.

*Gyalecta gloeocapsa* (NITSCH.) ZAHLBR. — Montes Krkonoše: supra muscos destructos ad terram macram in monte "Sněžka", ca 1400 m, et loco "Výrovka" dicto, ca 1360 m; ad terram humosam in fossis viae silvaticae super pago Harrachov, ca 850 m; ad muscos in saxosis graniticis vallis rivi "Mumlava", ca 900 m (his locis edita in exs. VĚZDA: Lich. sel. 52); ad muscos emortuos in rupe schistosa in valle rivi prope opp. Železný Brod, ca 400 m. — Montes Jizerské hory: ad terram humosam graniticam haud procul pag. Horní Polubný, ca 900 m; ad muscos in rupe basaltica montis Buková, ca 990 m.

*G. jenensis* (BATSCH.) ZAHLBR. — Montes Krkonoše: in rupe porphyrica ad pedem montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m.

*Leptogium plicatile* (ACH.) TH. FR. — Montes Krkonoše: ad rupes schistosas in ruina arcis Nistějka prope opp. Vysoké nad Jiz., ca 500 m.

*Leclidea albosuffusa* (TH. FR.) NYL. — Montes Krkonoše: in rupe calcarea locis "Kotelní jámy" dictis, ca 1350 m.

*L. caesioides* SCHAER. — *L. arctica* SOMMERF. — Montes Krkonoše: supra muscos in saxosis porphyricis in pede montis "Studničná" loco "Čertova zahrádka" dicto, ca 1000 m (his locis edita in exs. VĚZDA: Lich. sel. 10).

\*) Lichenes selecti exsiccati, editi ab Instituto botanico Universitatis Agriculturae et Silviculturae, Brno. Curavit A. VĚZDA.

*Lecidea flavosorediata* VĚZDA n. sp.

Thallus continuus, modice incrassatus, verruculoso — inaequalis et p. p. rimoso-diffractus, soraliis sublimitatis instructus demum vulgo totus sorediosus flavidus,  $\text{CaCl}_2\text{O}_2$  rubescens, KOH non reagens. Gonidia cystococcoidea, globosa, diam 6—10  $\mu$ .

Apothecia lat. circ. 0,4—0,7 mm, adnata, disco primum plano, demum convexo, margine tenui demum excluso, nigricantia, nuda. Hymenium circ. 70—80  $\mu$  altum, pallido violascens fuscescensve, J coerulescens, in parte superiore sordide olivaceum aut olivaceo-fuliginum. Paraphyses simplices, tubulis 1,5  $\mu$  crassis, apicibus incrassatis, vulgo sat (in aqua) cohaerentes. Hypothecium fusco-rufescens, KOH rubricoso-rufescens, hyphis leptodermaticis. Excipulum laterale nigrofuscum. Sporae 8 : nae, elipsoideae aut oblongae, lat. 10—14  $\mu$ , crass. 6—8  $\mu$ .

Montes Krkonoše: supra corticem *Fraxini excelsioris* ad viam publicam in summo iugi "Příchovický hřeben" prope opp. Šumburk, ca 940 m. — 14. VIII. 1960. — Holotypus in herb. A. VĚZDA, Brno, isotypi in exs. VĚZDA: Lich. sel. 112.

Subsimilis *Lecideae olivaceae* f. *elaeochromae* (ACH.) VAIN., sed thallo soraliis instructo ab ea differens.

*L. monticola* SCHAER. — Montes Krkonoše: in rupibus porphyricis ad pedem montis "Studněná" loco "Čertova zahrádka" dicto, ca 1000 m.

*Bacidia leprosula* (TH. FR.) LETT.; H. MAGN. in Bot. Not. (1934) : 467. — Montes Krkonoše: supra muscos ad rupes schistosas locis humidis in valle rivi prope opp. Železný Brod, ca 400 m.

*B. lignaria* (ACH.) LETT. — Montes Krkonoše: muscicola ad rupes in monte "Sněžka", ca 1550 m; ad terram humosam in *Calluneto* loco "Rudník" dicto, ca 1350 m; muscicola in rupe schistosa locis "Kotelní jámy" dictis, ca 1350 m; muscicola ad lapides majores graniticos in rivo "Mumlava", ca 900 m; muscicola in rupe schistosa vallis rivi prope opp. Železný Brod, ca 400 m.

*Bacidia subleprosula* VĚZDA n. sp.

Thallus verrucosus, verrucis subglobosis, dispersis vel aggregatis, sordide cinereus, p. p. demum in soredia granulosa flavido-cinerascentia faticens, strato corticali non evoluto. Thallus soraliaque  $\text{CaCl}_2\text{O}_2$  rubescentes. Gonidia micareoidea, saepe glomerulosa, simplicia globosa et diam. 4—7  $\mu$ , membrana sat tenui.

Apothecia crebra, lat. 0,3—0,8 mm, ab initio globosa immarginataque, basi constricta, saepe irregulariter aggregata, fusco-nigricantia aut nigra, dilute caesio-pruinosa. Hymenium pallidum, circ. 80—90  $\mu$  altum, superne pallescens vel pallide violaceo-rufescens, J vinose rubescens. Paraphyses cohaerentes, (KOH addito) ramoso-connexae, tubulis 1,5  $\mu$  crassis, apicibus parum incrassatis. Asci clavati, diam. 60  $\times$  20  $\mu$ , J obscure caerulescentes. Hypothecium sordide pallidum aut subfusciscenti pallidum. Excipulum laterale pallidum aut subdecoloratum. Sporae 8 : nae, fusiforme oblongatae, apicibus obtusatis, rectae vel saepe leviter curvulae, 5—7 (—9)-septatae, long. (35) 40—45 (60)  $\mu$ , crass. 5,5—6,5  $\mu$ .

Montes Krkonoše: supra muscos emortuos ad lapidem graniticum in rivo "Mumlava" prope pagum Harrachov, ca 900 m. — 7. VIII. 1960. — Holotypus in herb. A. VĚZDA, Brno.

Proxima est *Bilimbiae granulanti* (VAIN.) VAIN; quacum valde in omnino congruit (sec. descript.), sed sporis majoribus et vulgo 5—7-septatis ab ea differt. Etiam affinis sit *Bacidiae leprosulae* (TH. FR.) LETT., quacum reactione thalli et facie externa congruit, sed apotheciis pruinosis, hymenio haud smaragdulo, sporis longioribus, 5—7-septatis etc. ab ea differens. A *B. lignariae* (ACH.) LETT. praesertim apotheciis pruinosis, hymenio haud smaragdulo et reactione (addito Ca reagente) thalli distinguitur.

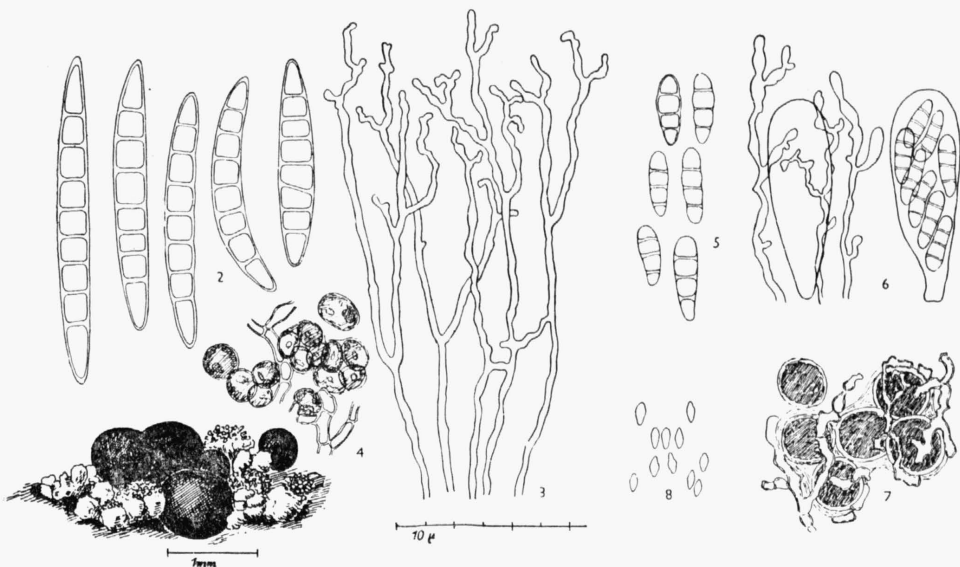


Fig. 1. — 1—4 *Bacidia subleprosula* n. sp. (typus). 1 apothecia, 2 sporae, 3 paraphyses (in KOH solut.), 4 gonidia; 5—8 *Bacidia subtilis* n. sp. (typus). 5 sporae, 6 asci et paraphyses (in KOH solut.), 7 gonidia, 8 conidia. Del. A. VĚZDA.

*Bacidia subtilis* VĚZDA n. sp.

Thallus tenuis aut modice incrassatus, granuloso-verruculosus, p. p. demum subleprosus, cinereo-virescens, KOH et  $\text{CaCl}_2\text{O}_2$  non reagens. Gonidia pleurococcoidea, vulgo glomerulosa, simplicia globosa et diam. 6—12  $\mu$ .

Apothecia crebra, lat. 0,2—0,5 mm, crass. 0,12—0,17 mm, basi bene constricta, supra thallum bene elevata, dispersa vel conglomerata, p. p. tuberculato confluentia, carne pallida vel albedo carnea, interdum demum in rufescens vel rufofuscum abeuntia, ab initio immarginata, primum planiuscula, demum bene convexa vel subglobosa. Hymenium circ. 45—65  $\mu$  altum, decoloratum, superne lutescens vel incoloratum, J caerulescens, epithecio nullo. Asci numerosi, clavati, diam. 40—50  $\times$  10—15  $\mu$ . Paraphyses cohaerentes, tubulis 1,5—2  $\mu$  crassis, (KOH addito) ramosae et irregulariter articulo-inflatae, increbrae. Hypothecium vulgo pallidum vel decoloratum, circ. 100  $\mu$  altum. Excipulum laterale circ. 25  $\mu$  crassum, pallidum. Sporae 8 : nae, oblongae aut elongato-oblongae, apicibus rotundatis, 3-septatae, long. (10) 12—14 (16)  $\mu$ , crass. 3,5—4,5  $\mu$ .

Conidanga numerosa, semiimmersa, puncto albedo indicata, circ. 70  $\mu$  lata. Sterigmata pauciseptata, apicibus conidia efferentibus. Conidia elipsoidea, long. 4—5  $\mu$ , crass. 1,5  $\mu$ .

Montes Krkonoše: in ramulis tenuioribus *Picearum* in valle rivi "Mumlava" prope pagum Harrachov, ca 800 m (holotypus). — 26. VII. 1960. — Montes Jizerské hory: ad corticem *Picearum* in monte Buková, ca 950 m. — Holotypus in herb. A. VĚZDA, Brno, isotypi in exs. VĚZDA: Lich. sel. 111.

Affinis sit *Bacidiae cinerae* (SCHAER.) TREVIS., praesertim apotheciis minoribus, paraphysibus magis ramosis, sporis minoribus et tantum 3-septatis etc. ab ea differt. Proxima est *Bacidiae pallenti* (KULLH.) ZAHLBR., a qua paraphysibus ramosis, thallo KOH non reagente, sporis crassioribus distincta.

*B. trachona* (ACH.) LETT. — Montes Krkonoše: in latere abrupto rupis porphyricae in pede montis “Studničná” loco “Čertova zahrádka” dicto, ca 1000 m.

*B. trisepta* (NAEG.) ZAHLBR. — Montes Krkonoše: in rupibus schistosis locis umbrosis in summo iugi “Příchovický hřeben”, ca 950 m.

*Stereocaulon evolutoides* (MAGN.) FREY. — Montes Krkonoše: inter muscos ad lapides in pede montis “Studničná” loco “Čertova zahrádka” dicto, ca 1000 m. (Det. J. NÁĐVORNÍK).

*St. saxonicum* BACHMANN. — Montes Jizerské hory: ad lapides graniticos in pratis super pago Horní Polubný, ca. 850 m.

*St. tyroliense* (ARN.) LETT. — Montes Krkonoše: ad lapides graniticos et schistosos ad marginem silvae super pago Pec, ca 1200 m. — Montes Jizerské hory: ad lapillos graniticos in pratis prope pagum Horní Polubný, ca 850 m.

*Biatorella pinicola* (MASS.) ANZI. — Montes Krkonoše: ad corticem *Aceris pseudopl.* prope viam rusticam in ascensu merid. iugi “Příchovický hřeben”, ca. 900 m (his locis edita in exs. VĚZDA: Lich. sel. 36).

*Lecanora intricata* ACH. var. *soralifera* SUZA. — Montes Krkonoše: ad lapillos schistosos in cacumine montis “Sněžka”, ca 1600 m (his locis edita in exs. VĚZDA: Lich. sel. 19); ad lapides schistosos locis “Kotelní jámy” dictis, ca 1300 m; in lapidibus arenaceis in summo cacumine montis Kozákov ca 740 m (his locis edita in exs. VĚZDA: Lich. sel. 73).

*Cetraria sepincola* (EHRH.) ACH. — Montes Krkonoše: in ramulis *Pini pumilionis* et *Piceae excelsae* in regione subalpina valde distributa. Loca adhuc non examinata: in monte “Studničná”, ca 1500 m, et in monte “Liščí hora”, ca 1350 m. In regione montana rara et tantum in ramulis tenuioribus *Betularum*, e.g. in valle “Jizerský důl” prope locum “Zabylý” dictum, ca 600 m. — Montes Jizerské hory: in ramulis *Betularum* in turfosis “Malá Jizerská louka” dictis, ca 850 m (his locis edita in exs. VĚZDA: Lich. sel. 47).

*Protoblastenia siebenhaariana* (KBR.) STNR. — Montes Krkonoše: in rupibus porphyricis locis humidis in pede montis “Studničná” loco “Čertova zahrádka” dicto, ca 1000 m.