

FUNGI LIGNICOLI IN REGIONE MAZURY IN POLONIA
SEPTENTRIONALI ANNIS 1956-1961 COLLECTI

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Opus hoc imprimis auxilio Consilii Botanici Academiae Scientiarum Polonae factum est. Materiam dissertationis scribendae mense Augusto 1956 et 1957 anni et mense Iunio 1958 a. in silva vetusta, quae Puszczę Piska vocatur, colligebam. Quae collectio in silvis pineis, in quibus etiam nonnullae piceae, quercus, betulae, carpini promiscue succrescunt, partem meridionam lacus Beldany ad vicos Ruciane, Kamień, Wierzba, Wigryny, Isnuta sitam circumdantibus fiebant. Pars fungorum a S. Bałazy praecipue in silvis fagineis et pineis ad oppidum Ostróda (mense Februario et Martio 1961 a.) nec non in silva virginea piceana cum admixtu quercus, betulae, carpini, *Populi tremulae* ad vicos Borki et Przerwanki prope oppidum Węgorzewo patente, mense Novembri 1961 a. collecta est.

Primum, praecipue anno 1956 solae fere species carposomatis resupinatis praeditae imprimis e genere *Poria* Pers. ex S. F. Gray s. l. legebam, deinde aliis quoque fungis lignicolis inspiciendas operam meam dabam. Quod anno 1961 collectum est, ad species quasdam e. g. de familia *Corticiacearum* cognoscendas multum contulit.

Inquisitionem mycologicam huius regionis necessarium habui. Articulis enim brevibus Grambergi (1923) et Neuhoffi (1923) exceptis studia, quibus fungi lignicoli continerentur, adhuc defuerunt. Accedit, quod hoc loco etiam aliquot species rarae inventae sunt, quarum nonnullae in Europa nusquam adhuc nisi in Scandinavia (e. g. *Chaetoporus variecolor* (Karst.) Dom.) aut in Russia (e. g. *Hapalopilus ochraceo-lateritius* (Bond.) Bond. & Sing.) inveniebantur.

Carposomata fungorum praeditorum similiter atque aliorum, qui iam nunc rarissimis annumerantur, in ligno, cuius magna copia, praecipue in lata et seiuncta silvae parte ad parvum vicum Kamień sita, humi iacebat, conspiciebantur.

Index fungorum

ASCOMYCETES

Nectriaceae

Nectria cucurbitula (Tode ex Fr.) Fr.

Ad corticem trunci emortui *Piceae excelsae* in silva Tabórz prope Ostróda, 25.II.1961.

Xylariaceae

Hypoxylon rutilum Tul.

Ad corticem emortuum *Carpini betuli* in silva Borki prope oppidum Węgorzewo, 15.XI.1961.

Stroma 2—7 mm diam., periteciis ovalibus vel rotundis,

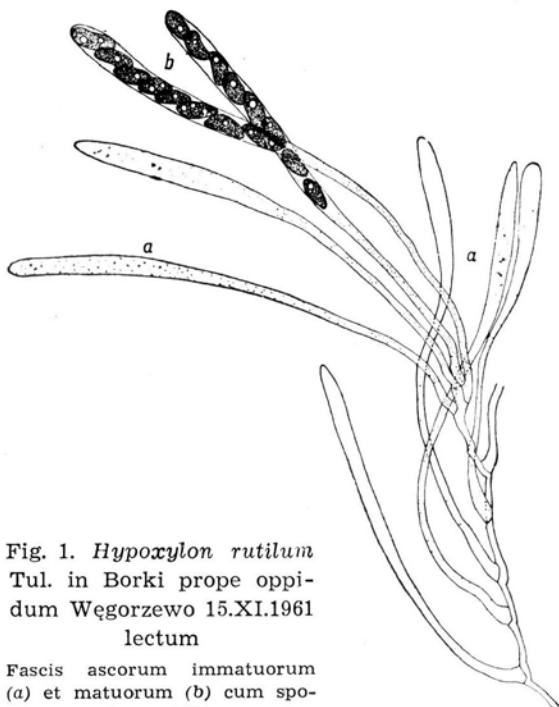


Fig. 1. *Hypoxylon rutilum*
Tul. in Borki prope oppidum
Węgorzewo 15.XI.1961
lectum

Fascis ascorum immatuorum
(a) et matuorum (b) cum sporis,
ca 750 x

200—400 μ diam., ascis (fig. 1) cylindraceis, 50—80 (-115) \times 5—7 μ ; sporis e hyalinis fusco-coloratis, 5,5—9 (-10,5) \times 3,5—4 μ .

Ustulina deusta (Hoffm. ex Fr.) Petrak.

Ad lignum *Quercus roboris* in silva Ruciane, 20.VIII.1956.

BASIDIOMYCETES**Tremellaceae**

Pseudohydnum gelatinosum (Fr.) Karst.

Ad lignum putridum coniferum in silva Kamień satis frequens, VIII.1956.

Caloceraceae

Calocera viscosa (Fr.) Fr.

Ad ligna conifera in silva Kamień, VIII.1956.

Corticaceae

(*Athelia*) *Merulius molluscus* Fr. (J. Eriksson in Stud. of the Swed. Heterobas. and Aphyl. 21, 1958).

Semel ad lignum *Pini silvestris* in silva mixta, Guzianka prope Ruciane, 21.VIII.1956. Sporae $5,5-7 \times 3,5-4 \mu$.

Coritum evolvens (Fr. ex Fr.) Fr.

Ad ramos truncosque emortuos *Betulae verrucosae*, *Carpini betuli* in silvis Sarni Dół, Markuszewo et in vico Durąg prope oppidum Ostróda, II. et III.1961.

Sporae $7-10,5 \times 5-7 \mu$.

Gloeocystidiellum luridum (Bres.) Boidin.

[= *Gloeocystidium luridum* (Bres.) Höhn. & Litsch.]

Ad lignum *Carpini betuli* in silva Borki et ad corticem emortuum *Coryli avellanae* in silva Diabla Góra (Przerwanki), 15.XI.1961.

Cystidia claviformia vel fusoidea, $70-175 \times 7-9 \mu$; basidia ca $45 \times 5-9 \mu$; sporae $9-12 \times 4-7 \mu$.

Hyphoderma setigerum (Fr.) Donk.

Ad ramum emortuum *Quercus roboris* in silva Tolimirka prope Ostróda, 27.II.1961.

Sporae $8,5-10,5 \times 3-4,5 \mu$.

Hyphoderma setigerum (Fr.) Donk. f. *odontioideum* Bourd. & Galz.

Ad ramum emortuum in arbore vivo *Quercus roboris* adhuc suspensum in silva Borki prope Węgorzewo, 15.XI.1961.

Carposomata papillata habitu macroscopico *Odontiae papilloseae*

(Fr.) Bres. simillima fuerunt. Sporae plurimae, $9.-12,5 \times 3-4,5 \mu$.

(*Membranicium*) „*Peniophora crenea*” (Bres.) Sacc. & Sydow (J. Erikss., Symb. Bot. Upsal. 16 (1) : 116, 1958).

Ad corticem emortuum stirpis betulinæ in silva Borki prope Węgorzewo, 15.XI.1961.

Carposomata subiculo 0,2—0,4 mm crasso, albo, hyphis crassitunicatis, 4—10 μ crassis; cystidiis fusoideis, tenuitunicatis, 50—120 \times 7—11 μ , immersis vel usque ad 50 μ prominentibus; sporis 5—7 \times 3—3,5 μ .

Peniophora cinerea (Pers. ex Fr.) Cke.

Ad ramos emortuos *Fagi silvaticae* in silva Markuszewo prope Ostróda et *Pruni* in silva Sarni Dől, mense Februario 1961.

Cystidia immersa crassitunicata incrustata, flava, cystidia hymenalia tenuitunicata, basidiformia, 20—55 \times 5—10 μ ; basidia 5—6 μ crassa cum 2—4 sterigmatis 3,5—5 μ longis; sporae 6—11 \times 2,5—3 μ .

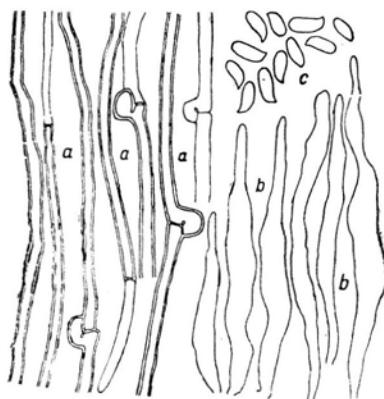


Fig. 2. *Stereum purpureum* (Pers. ex Fr.) Fr. var. *violaceum* Thümen in Sarni Dől prope oppidum Ostróda lectum
Hyphae subiculi (a), cystidia hymenalia (b), sporae (c); 600 x

Peniophora incarnata (Pers. ex Fr.) Karst.

Ad corticem emortuum *Carpini betuli* in vico Durag prope Ostróda, 1.III.1961, et in silva Borki prope oppidum Węgorzewo, 15.XI.1961.

Cystidia 30—95 \times 7—18 μ . Sporae 7—10,5 \times 3—5 μ .

Peniophora quercina (Pers. ex Fr.) Cke.

Ad ramum emortuum *Quercus* in silva Tolimirka ad lacum Szeląg prope Ostróda, 27.II.1961 et ad ramum frondosum in silva Diabla Góra (Przerwanki), 14.XI.1961.

Cystidia rugosa, 35—70 \times 7—9—18 μ . Basidia 40—45 \times 4—6 μ cum 2—4 sterigmatis 4—5 μ longis. Sporae 9—12,5 \times 3—4 μ .

Phlebia gigantea (Fr. ex Fr.) Massee.

Semel ad lignum *Pini silvestris* in silva Markuszewo prope Ostróda, 25.II.1961.

Cystidia 50—70 \times 12—17,5 μ . Sporae 4—7 \times 2—3 μ .

Meruliales

Merulius taxicola. (Pers.) Bond.

[= *Poria taxicola* (Pers.) Bres.]

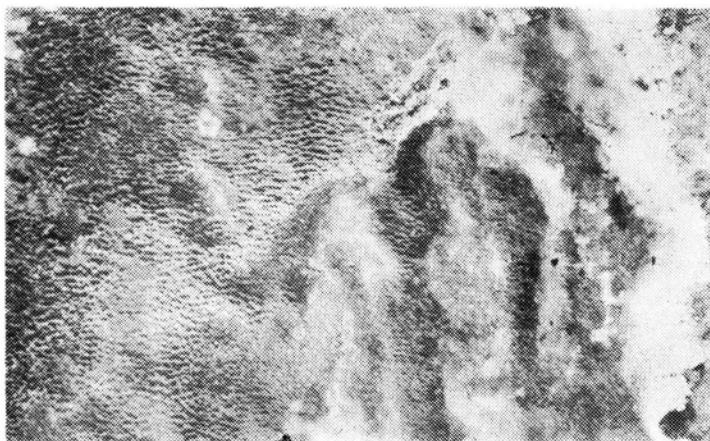


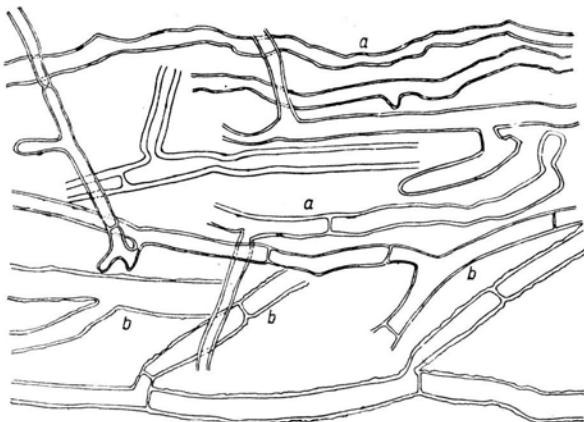
Fig. 3. *Meruliodopsis taxicola* (Pers.) Bond. ad truncum
emortum *Pini silvestris*, Kamień, 23.VIII.1957; 4 x

Ad lignum *Pini silvestris* in silva conifera, Kamień 23.VIII.1957
(fig. 3 et 4).

Carposoma resupinatum, late effusum, ca 40×15 cm
mensurae, hymenophoro primum plus minusve reticulato, dein tubulis
usque ad 1 mm longis; poris 0,1—0,3 mm diam., 4—5 per mm; subiculo
albo, usque ad 1 mm crasso, satis laxe intricato e hyphis plerumque

Fig. 4. *Meruliodopsis taxicola*
(Pers.) Bond. in silva Kamień
prope oppidum Mrągowo lecta

hyphae subiculi (a), hyphae
subhymeniales (b); 650 x



tenuiter, rarius crassius tunicatis, 3,5—8,5 μ crassis, hyalinis, laevibus,
septatis et haud fibulatis; subhymenio 20—45 μ crasso, hyphis fere
similibus, sed fumosis, tenuiter asperatis et granulis substantiae
brunneae dense tectis; sporis absentibus.

Merulius aureus Fr. (Bourd. & Galz., Hym. de Fr., 351, 1928).

Ad truncos putrescentes *Pini silvestris* in silvis mixtis, Kamień et Kowalik, VIII.1956 et 1957, satis frequens.

Basidia $12 \times 3,5 \mu$, sporae cylindraceae, $3-4,5 \times 1,5-2 \mu$.

Merulius corium Fr.

Ad truncos et ramos emortuos arborum frondosarum (*Betula*, *Carpinus* et al.), Kamień et Ruciane, VIII.1956 et 1957, VI.1959, atque ad ramum putridum *Tiliae* in vico Durąg prope Ostróda, II.1961.

Sporae $7-9 \times 2-3,5 \mu$

Merulius tremellosus (Schrad.) Fr.

Ad truncum putridum *Ulmi* in silva mixta, Kamień 23.VIII.1957.

Sporae $3,5-4 \times 1 \mu$.

S t e r e a c e a e

Plicatura crispa (Fr. ex Fr.) Karst.

Ad ramos emortuos *Tiliae* et *Salicis* in vico Durąg prope Ostróda, II.1961.

Stereum hirsutum (Willd. ex Fr.) Fr.

Ad ramos truncosque emortuos arborum frondosarum ubique frequentissimum in silvis ad vicos Ruciane, Kamień, Zamordaje, Tabórz et Borki patentibus.

Stereum purpureum (Pers. ex Fr.) Fr.

Ad ligna *Betulae verrucosae* in silva Wigryny, 26.VIII.1956 et in silva Wilkus prope Węgorzewo, 16.XI.1961.

Carposomata in silva Wilkus lecta typica ac matura erant et in hymenio habebant cystidia (fig. 2) plurima, quae auctores americaniani *Stereum rugosiusculo* Berk. & Curt. plerumque ascribebant.

Stereum purpureum (Pers. ex Fr.) Fr. var. *violaceum* Thüm. n.

Ad lignum *Betulae verrucosae* in vico Durąg (sporae $5-10 \times 2,5-3,5 \mu$) et ad corticem *Aceris pseudoplatani* emortui in silva Sarni Dół, II.1961.

Carposomata cystidiis hymenialibus, fusoideis, $45-80 \times 3-7 \mu$, usque ad 30μ super hymenio prominentibus, atque cystidiis subhymenialibus, vesiculosis vel piriformibus, $12-26 \times 10-14 \mu$; sporis $5-8 \times 2-3 \mu$ (fig. 2).

Stereum purpureum (Pers. ex Fr.) Fr. f. *resupinatum* Bres.

Ad corticem emortuam *Betulae verrucosae* in silva Diabla Góra (Przerwanki) et *Carpini betuli* in silva Borki mense Novembri 1961.

Carposomata basidiis ca $30 \times 5 \mu$ mensurae cum 2-4 sterigmatis $1,2-2 \mu$ longis, sporis $5-8 \times 3-3,5 \mu$, cystidiis hymenialibus absentibus.

Stereum rugosum (Pers. ex Fr.) Fr.

Ad lignum *Alni glutinosae* et *Coryli avellanae* in silvis Kamień et Wigryny, VIII.1957 et ad corticem emortuum *Coryli avellanae* in silva Borki, 15.XI.1961.

Sporae 7—11,5 × 3,5—4,5 μ

Stereum sanguinolentum (Alb. & Schw. ex Fr.) Fr.

Ad lignum *Pini silvestris* satis frequens in silva Kamień, VIII.1956.

*Phylacteriaceae**Phylacteria terrestris* (Ehrh. ex Fr.) Pat.

Ad terram et radices putrescentes *Pini silvestris* et *Piceae excelsae* in silva Kamień, VIII.1956.

Phylacteria palmata (Scop. ex Fr.) Pat.

Ad terram et radices putrescentes in silvis quercinis mixtisque, Kamień, VIII.1956 et 1957.

Phylacteria caryophyllea (Schaeff. ex Fr.) Pat.

Ad terram et ad reliquias ligneas in silva Guzianka prope Ruciane, 21.VIII.1956.

Sporae 7—9 × 5—7 μ.

*Coniophoraceae**Serpula himantoides* (Fr.) Bond.

Ad partem inferiorem asserum *Pini silvestris* in acervo ad viam in silva mixta Kamień cumulatorum, 23.VIII.1956.

Carposomata late effusa carposomatis in aedificiis crescentibus simillima. Sporae ellipsoidales, 7—11,5 × 5,5—6 μ, membrana flavo-brunneo-colorata, laevi.

*Hydnaceae**Auriscalpium vulgare* S. F. Gray.

Ad conum *Pini silvestris* in silva Kamień, 23.VIII.1956.

Odontia arguta (Fr.) Quél. (Bourd. & Galz., Hym. de Fr., 427, 1928).

Ad trunco et radices emortuos *Pini silvestris* in silva mixta, Kamień, VIII.1956 et 1957.

Sporae subglobosae, 4—5,5 × 3—4 μ.

Odontia bicolor (Alb. & Schw. ex Fr.) Fr. (Bourd. & Galz., Hym. de Fr., 429, 1928).

Ad lignum *Piceae excelsae* et *Ulmi* in silvis mixtis, Kamień, VIII.1956 et 1957.

Sporae oblongae vel ellipsoidales, $4-6 \times 2-3 \mu$.

Odontia papillosa (Fr.) Bres. (Bourd. & Galz., Hym. de Fr., 430, 1928).

Ad trunco putrescentes *Pini silvestris* in silva mixta, Kamień, VIII.1957. Etiam ad ligna putrida *Piceae excelsae* et *Fraxini excelsioris* in silvis Diabla Góra (Przerwanki) et Borki, XI.1961.

Radulum membranaceum (Bull.) Bres. (Bourd. & Galz., Hym. de Fr., 403, 1928).

Ad ramum emortuum *Ulmi* ad lacum Bełdany prope vicum Kamień, 23.VIII.1957.

Sporae $6-11 \times 5,5-7 \mu$.

Radulum membranaceum (Bull.) Bres. f. *ad Corticum confluens* Fr.

Ad corticem emortuum *Quercus* in silva mixta, Ruciane, 20.VIII.1956.

Carposomata generatim resupinata, laevia vel tuberculata, rudimenta aculeorum interdum exserentia eoque *Corticium confluenti simillima* fuerunt.

Radulum orbiculare Fr. (Bourd. & Galz., Hym. de Fr., 404, 1928).

Ad ramum emortuum arboris frondosae in silva mixta, Wierzba prope Ruciane, 21.VIII.1957.

Sporae $7-9 \times 2,5-3 \mu$.

Radulum quercinum Fr. var. *fallax* (Fr.) Bourd. & Galz.

Ad ramum emortuum *Alni glutinosae* in silva Sarni Dól prope Ostróda, 25.XI.1961.

Carposomata hyphis tenuitunicatis, fibulatis, $2-4 \mu$ crassis; sporis subcylindraceis, $6-8 \times 3-3,5 \mu$, membrana hyalina, laevi.

Steccherinum ochraceum (Fr.) S. F. Gray.

Ad ramum putrescentem *Coryli avellanae* in silva mixta, Kamień, 25.VIII.1957.

Polyopracae

Porioideae

Chaetoporus corticola (Fr.) Bond. & Sing.

Ad corticem emortuum *Quercus* in silva Kamień, 25.VIII.1957 et ad lignum putridum *Sorbi aucupariae* in vico Ruciane, 19.VI.1958.

Chaetoporus euporus (Karst.) Bond. & Sing.

Ad trunco et ramos *Quercus* et *Carpini* humi putrescentes in silva Ruciane et Kamień, VIII.1956 et 1957 atque VI.1958.

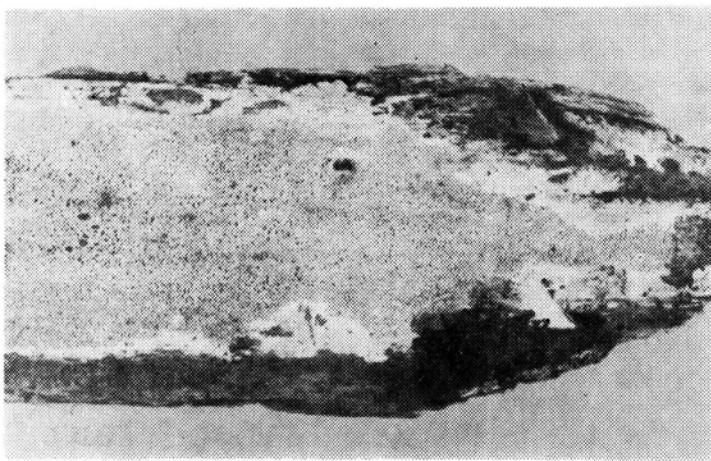


Fig. 5. *Chaetoporus variecolor* (Karst.) Dom. Carposoma ad lignum *Pini silvestris*, Kamień, 17.VI.1958, 2 x

Chaetoporus variecolor (Karst.) comb. nov.

[= *Physisporus variecolor* Karst. in Thuem. Mycoth. univ. Cent. 19, 1881, No. 1803.
Syn.: = *Poria luteoalba* (Karst.) Sacc.; Eriksson, Sv. Bot. Tidskr. 43:15—18, 1949]

Ad truncos *Pini silvestris* et *Piceae excelsae* humi putrescentes
in silvis mixtis prope vicum Kamień, VIII.1956 et 1957 et VI.1958,
frequens (fig. 5 et 6).

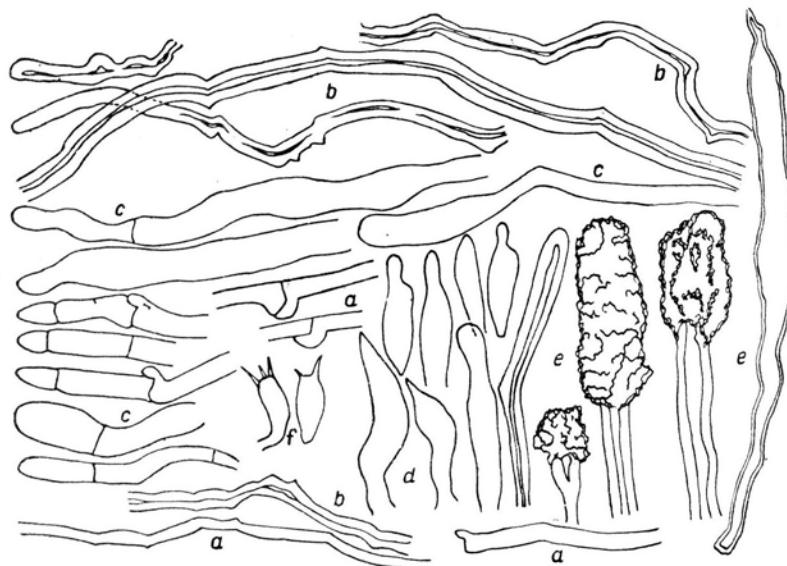


Fig. 6. *Chaetoporus variecolor* (Karst.) Dom. in silva Kamień lectus
hyphae tenuitunicatae (a) et crassitunicatae (b) subiculi et dissepimentorum; hyphae tenuitunicatae
in aciebus dissepimentorum (c), cystidiolae (d), cystidia (e), basidia (f); ca 875 x

Carposomata resupinata, ex orbicularibus longe lateque effusa, interdum usque ad 1 m longa et ca 0,4 m lata, tenua (usque ad 1 mm crassa), primum hyalino-albido- vel luteo-albo-colorata, dein pallido-cinnamomeo-colorata, tactu vel exsiccando interdum tenuiter fuscescentia, interdum lacrimabunda et exsiccatis guttis liquoris hyalini lacunata, *margine fimbriato, pellucido, albido, 1—2 mm lato; tubulis concoloribus, usque ad 1 mm longis, rectis vel obliquis et tunc partim opertis; dissepimentis 20—60 μ crassis, aciebus laevibus et pruinosis, dein subfimbriatis glabrisque; poris minutis, 0,1—0,2—0,4 mm diam., (3—)4—6 per mm, subrotundis vel subangulatis; subiculo 0,1—0,2 mm crasso, dense intricato e hyphis crassitunicatis vel solidis, 2—5 μ crassis, flexuosis, aseptatis, haud fibulatis; hyphis dissepimentorum ex parte similibus, sed plus minusve parallele dispositis et fortiter agglutinatis, ex parte tenuitunicatis, fibulatis, 1,5—3,5 μ in acie usque ad 7 μ crassis; cystidiis claviformibus, prope aciem dissepimenti crassitunicatis et in parte superiore saepissime incrustatis, ad infimos tubulos autem plerumque tenuitunicatis glabrisque, 30—70 \times 7—13,5 μ ; basidiis 12—16 \times 3—4 μ cum 2—4 sterigmatis ca 3 μ longis; sporis cylindraceis, interdum parum curvulis, biguttulatis, 4—5 \times 1—1,5 μ , membrana hyalina, laevi.

Hunc fungum, in silvis Sueciae, Finnlandiae, Reipublicae Estoniae S. S. (Paramasto 1959) et Americae borealis adhuc saepe apparentem, Bondarcew (1953) primum generi *Chaetoporellus* Bond. & Sing. ex Sing. annumeravit, ubi species cystidiferas, quae generis *Poria* Pers. ex S. F. Gray sunt, quarum hyphae fibulatae et carposomata plus minusve carnosa propria sunt, cummulavit. Species cystidiferas carposomatis autem plus minusve coriaceis vel carnoso-coriaceis et e hyphis haud fibulatis compositis in genus *Chaetoporus* Karst. em. Bond. ascripsit. Postea tamen differentiis his e causis iustisque falsis agnitis auctor ille genus utrumque ad unum. *Chaetoporus* Karst. em. Bond. nominatum, coartavit (Bondarcew 1959). Carposomata iuvenilia huius fungi, in Mazury lecta, habitu macroscopico carposomatis *Poriae vulgaris* (Fr.) Cke. similia fuerunt. Carposomata matura et sicca autem, praecipue colore, ad speciem *Chaetoporus rixosus* (Karst.) Bond. & Sing. prope accedebant, cui praeterea propter cystidia similia et hyphas fibulatas cognata sunt.

Chaetoporus rixosus (Karst.) Bond. & Sing.
[= *Poria rixosa* Karst.]

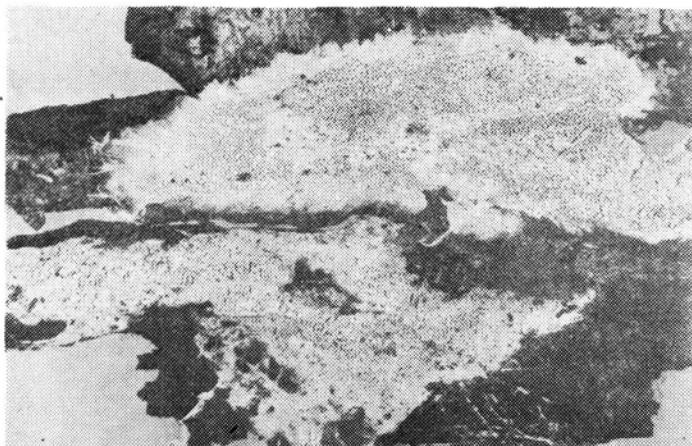


Fig. 7. *Fibuloporia mollusca* (Pers. sensu Bres.) Bond. & Sing.
ad corticem *Quercus*, Kamień, 26.VIII.1957; ca 1,5 x

Semel ad truncum *Pini silvestris* in silva mixta iacentem, Kamień
24.VIII.1957.

Carposoma resupinatum, tubulis bistratosis, pallide lateritio-coloratis, aciebus tenuiter pallide pruinosis; poris minutis, 0,1—0,3 mm diam., 5—6(7) per mm, rotundis vel subangulatis; subiculo 0,1—0,3 mm crasso, plus minusve dense intricato e hyphis plerumque crassius tunicatis, 2—3,5 μ crassis, dilute flavidobruneo-coloratis, flexuosis, paulisper ramificatis, raro septatis fibulatisque; hyphis subhymenialibus plerumque tenuitunicatis, 1—2 μ crassis, hyalinis, septato-nodosis; cystidiis clavatis prope aciem tubuli saepius tenuitunicatis, pluribus et minus incrustatis, ad infimos tubulos autem crasse tunicatis et plus incrustatis, 20—60 \times 12—21 μ ; basidiis 7—15 \times 3—4 μ cum 2—4 sterigmatis 1,5—2 μ longis; sporis cylindraceis, saepe parum curvulis, 3—4,5 \times 1,2—1,7 μ .

Fibuloporia mollusca (Pers. sensu Bres.) Bond. & Sing.

Ad ramos putridos *Quercus* in silvis mixtis, Kamień et Wigryny, VIII.1957 (fig. 7).

Amyloporia calcea (Fr. ex Pers.) Bond. & Sing.
[= *Poria lenis* (P. Karst.) Sacc.]

Semel ad ramum emortuum *Pini silvestris* in silva mixta,
Guzianka prope Ruciane, 16.VI.1958.

Amyloporia xantha (Fr.) Bond. & Sing.

Ad truncum *Piceae excelsae* in silva conifera prope Zamordaje
humi putrescentem, 18.VI.1958.

Poria vulgaris (Fr.) Cke.

[= *Poria subincarnata* (Peck) Murr.]

Ad truncos et ramos arborum coniferarum in silvis prope vicos Kamień, Kowalik, Ruciane et Wierzba iacentes, VIII.1956 et VI.1958, frequens.

Xylodon versiporus (Pers.) Bond.

[= *Poria versipora* (Pers.) Baxt.]

Ad ramos truncosque emortuos arborum frondosarum (*Carpini, Coryli, Betulae, Quercus, Ulmi* et al.) et coniferarum (*Pini silvestris*), ubique frequentissimus in silvis vicos Ruciane, Przerwanki et oppidum Ostróda circumdantibus.

Xylodon versiporus (Pers.) Bond. f. *Irplex deformis* (Schrad.) Bourd. & Galz.

Semel tantum ad lignum putridum *Quercus*, Ruciane 20.VIII.1956.

Xylodon versiporus (Pers.) Bond. f. *Irplex obliquus* (Schrad.) Bourd. & Galz.

Semel ad lignum arboris frondosae in silva Ruciane, 20.VIII.1956.

Xylodon versiporus (Pers.) Bond. f. *Irplex paradoxus* (Schrad.) Bourd. & Galz.

Semel ad ramum putridum *Carpini betuli* in silva frondosa prope vicum Kamień, 25.VIII.1957, et ad ramos emortuos *Quercus roboris* et *Carpini betuli* in silva prope oppidum Ostróda, II.1961.

Tyromycetoideae

Bjerkandera adusta (Willd. ex Fr.) Karst.

Ad truncos et ramos emortuos arborum frondosarum ubique frequens in silvis mixtis frondosisque prope vicum Ruciane.

Bjerkandera adusta (Willd. ex Fr.) Karst. f. *carpinea* (Sow. ex Fr.) Donk.

Semel ad truncum *Quercus* in silva mixta humi iacentem, Kamień 26.VIII.1957.

Bjerkandera adusta (Willd. ex Fr.) Karst. f. *resupinata* Bres.

Ad corticem *Quercus* emortui in silva mixta, Ruciane 12.VI.1958 et ad ramum putrescentem *Carpini betuli* in silva Diabla Góra (Przerwanki), 14.XI.1961.

Gloeoporus amorphus (Fr.) Clem. & Shear.

Unus e frequentissimis fungis, qui stirpes emortuas *Pini silvestris* et *Piceae excelsae* in silvis Kamień et Ruciane mense Augusto annis 1956 et 1957 et mense Iunio 1958 habitabat.

Gloeoporus amorphus (Fr.) Clem. & Shear. f. *resupinatus* Bres.

Ad truncos emortuos *Pini silvestris* in silvis mixtis prope vicos Kamień et Wigryny, VIII.1957.

Gloeoporus amorphus (Fr.) Clem. & Shear f. *molluscus* (Karst.) Bourd. & Galz.

Ad truncos emortuos *Pini silvestris* et *Piceae excelsae*, saepc etiam ad carposomata vetusta *Hirschiopori abietini* in silvis mixtis, Kamień, Wierzba et Guzianka, VIII.1957 et VI.1958.

Specimina nonnulla habitu macroscopico et colore varietati *Vasilkovii* Bond. (Trut. griby 252, 1953) similia fuerunt. Haec carposomata late effusa in pileos tenues, imbricatos, $0,5-1,5 \times 1-2,5 \times 0,1-0,2$ cm mensurae, sese reflectabant et ex albidis pallide cinerea fiebant. Pori eorum rotundi vel oblongi, $0,08-0,17-0,25$ mm diam., 5-6 per mm, primitus albidi dein sordide rufescenter colorabantur. Sporae tamen cylindraceo-curvulae, $3,5-4,5 \times 1-1,2 \mu$ mensurae, a sporis formae *amorphus* nihil differebant.

Hapalopilus nidulans (Fr.) Karst.

Ad truncos et ramos putridos in silvis frondosis, Kamień et Ruciane, VIII.1956 et 1957.

Hapalopilus ochraceo-lateritius (Bond.) Bond. & Sing.

Ad radices emortuos *Piceae excelsae* in silva mixta, Kamień VIII.1956 et 1957 (fig. 8).

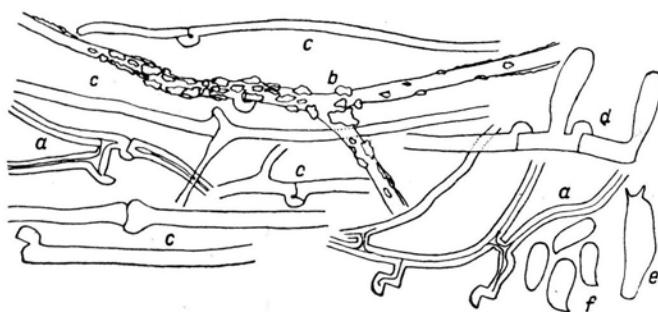


Fig. 8. *Hapalopilus ochraceo-lateritius* (Bond.) Bond. & Sing. in silva, Kamień, VIII.1956 lectus

hyphae crassitunicatae (a) et tenuitunicatae subiculi (b) et dissepimentorum (c) 750 x, cystidiole (d), basidium (e), ca 1125 x; sporae (f), ca 1500 x

Resupinatus, satis effusus, usque ad 10-15 longus et ad 4-5 cm latus, glaber, solito plus minusve convexus, mollis denique durus et fragilis, aurantio-rubro-, ochraceo-rubro- vel lateritio-coloratus, semper fere cum tinctu incarnato, sed tactu et exsiccando ex pur-

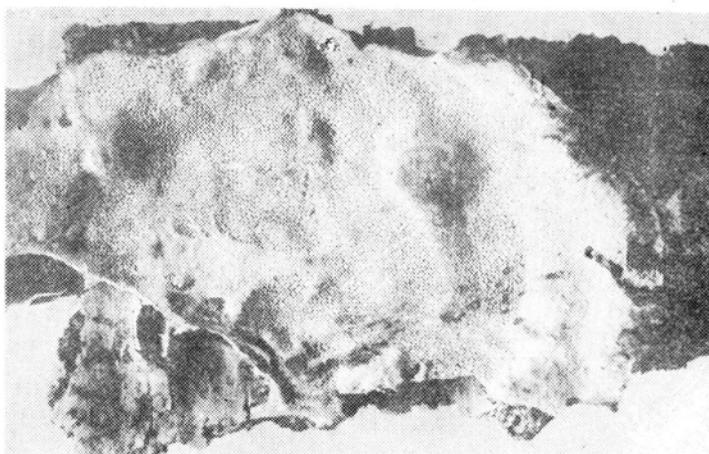


Fig. 9. *Tyromyces byssinus* (Pers.) Bond. ad corticem *Betulae verrucosae*, Kamień, 25.VIII.1957, ca 3,5 x

pureo-rubro subniger; in solutione KOH colorem purpureo-lilacinum, in solutione autem iodi violaceo-umbratum trahens; margine sterili albo, subfimbriato, tenui et usque ad 8 mm lato, denique evanescente; subiculo ochraceo-rubro-colorato, usque ad 1 mm crasso; tubulis carnosis, 2—4 mm longis, ad marginem vadosis saepe foveatis; dissepimentis 20—100 μ crassis; poris rotundis vel oblongis, interdum subangulatis, tenuiter pruinosis, 0,1—0,2—0,3 mm diam., 4—5 per mm; hyphis crasse et tenuiter tunicatis, fibulatis, 1,5—4,5 μ crassis, in dissepimentis propter substantiam granulosam brunneamque obscuris; basidiis ca 13,5 \times 3,5—4 μ ; sporis cylindraceis, parum curvulis, 3—5 \times (1,5—3) 1,8—2 μ . Primum in Polonia observatus.

Tyromyces byssinus (Pers.) Bond., Trut. griby 164, 1953; syn. *Poria byssina* (Pers.) Rom. in Eriksson, Sv. Bot. Tidskr. 43:3—7, 1949.

Ad corticem *Betulae verrucosae* emortuae in silva frondosa prope vicum Kamień, 25.VIII.1957 (fig. 9 et 10).

Carposomata resupinata, *Chaetopori eupori* similia, usque ad 1 mm crassa, margine clariore, byssino, plerumque sterili et usque ad 5 mm lato; tubulis primitus albidis et lacunatis, dein dilute ochraceo-coloratis et usque ad 1 mm longis; poris concoloribus, minutis, 0,1—0,2 mm diam., 5—6 per mm; subiculo albo, 50—150 μ crasso, dense intricato e hyphis crassitunicatis, flexuosis, septis et fibulis absentibus, 1,5—3,5 μ crassis; dissepimentis ex parte e hyphis similibus, ex parte e hyphis tenuitunicatis, 1,5—3 μ crassis, septatis fibulatisque; basidiis ca 10 \times 4 μ cum 2—4 sterigmatis 2—3 μ longis; sporis ellipsoideis, 3,5 \times 2 μ , membrana hyalina, laevi.

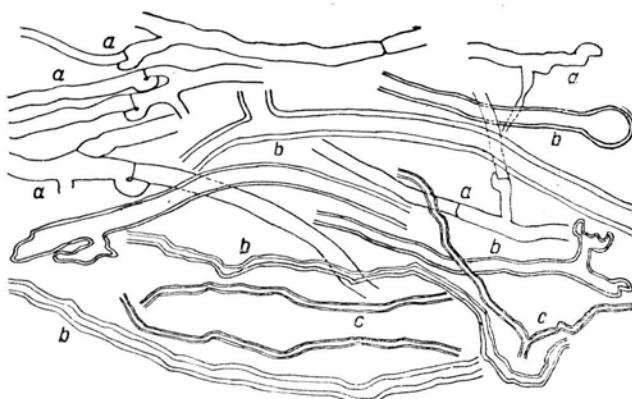


Fig. 10. *Tyromyces byssinus* (Pers.) Bond. in silva, Kamień, 25.VIII.1957 lectus: hyphae tenuitunicatae subiculi (a) et crassitunicatae subiculi (b) et dissepimentorum (c), 750 x

Tyromyces caesius (Schrad. ex Fr.) Murr.

Ad truncos et ramos emortuos decorticatosque *Piceae excelsae*, *Pini silvestris* et *Carpini betuli* in silvis Kamień, Ruciane et Wigryny, satis frequens VIII.1956 et 1957.

Tyromyces cinerascens (Bres.) Bond. & Sing.

[= *Poria cinerascens* (Bres.) Sacc.]

Ad truncos emortuos *Pini silvestris* et *Betulae verrucosae* in silva ad viam Ruciane-Zamordaje iacentes, 18.VI.1958 (fig. 11 et 12).

Carposoma ad *Betulam* lectum ambitu parum separabili, subreflexo et rudimentum pilei exserens; pileus 3 mm circiter antice protensus, flavescens, glaber, laevis et subundosus.

Tyromyces floriformis (Quél.) Bond. & Sing.

Pilei duo ad truncos decorticatos arboris frondosae in silva mixta prope vicum Kamień, 25.VIII.1957.

Sporae 3,5—4,5 × 1,7—2,2 μ .

Tyromyces fragilis (Fr.) Donk.

Ad ligna *Pini silvestris* et *Piceae excelsae* in silvis prope vicum Kamień, VIII.1956 et 1957, frequens et in silva Guzianka, VIII.1956 rarus.

Carposomata resupinata, effuso-reflexa et saepissime dimidiata, 0—5 × 1,5—6 × 1—2 cm; trama laxius intricata e hyphis tenuitunicatis vel plus minusve crassitunicatis, fibulatis, 4—7 μ crassis, paulisper ramificatis; cystidiis absentibus; basidiis 17—19 × 4—5 μ cum 2—4 sterigmatiis 5—6 μ longis; sporis cylindraceo-curvulis, 3,5—5,5 × 1,5—2 μ .

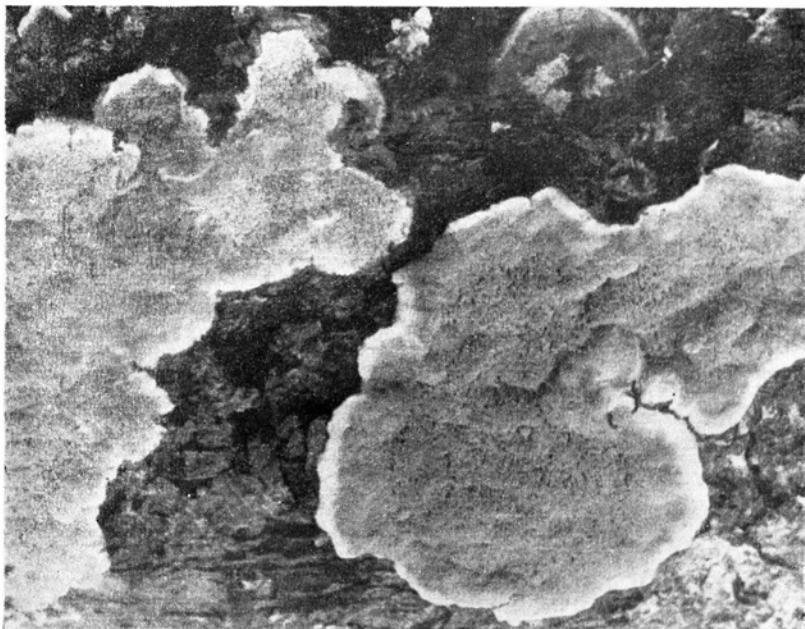


Fig. 11. *Tyromyces cinerascens* (Bres.) Bond. & Sing. ad corticem *Pini silvestris*, Zamordaje, 18.VI.1958, 2/3 orig.

Tyromyces lacteus (Fr.) Murr.

Ad ligna arborum frondosarum (*Quercus* et al.) et *Pini silvestris*, Guzianka, Kamień, Ruciane et Wierzba VIII.1956 et 1957 atque ad lignum *Piceae excelsae* in silva Przerwanki prope oppidum Węgorzewo, 16.XI.1961.

Tyromyces ptychogaster (Ludwig) Donk.

Ad lignum *Pini silvestris* in silva Kamień, 19.VIII.1956.

Carposoma unum chlamydosporicum, dense intricatum e hyphis tenuitunicatis, septato-nodosis, 2,5—3,5 μ crassis; chlamydosporis plurimis, 4—7 \times 3,5—4 μ , flavidis, laevibus, crassitunicatis. Hic fungus primum in Polonia lectus est.

Tyromyces resupinatus (Bourd. & Galz. ex Pil.) Bond. & Sing. (Bondarcew, Trut. griby 207, 1953).

Ad corticem truncii emortui *Pini silvestris* in silva prope vicum Kamień iacentis, 24.VIII.1957.

Carposoma resupinatum, 1 m circiter longum et 0,4 m circiter latum, satis faciliter separabile, margine albo, tomentoso-floccoso et usque ad 0,5 cm lato, denique plerumque evanescente, obtuso; sapore leni, odore subtili satisque grato; tubulis primum mollibus et hyalino-albido- vel albo-coloratis, sed exsiccando fragilimis et

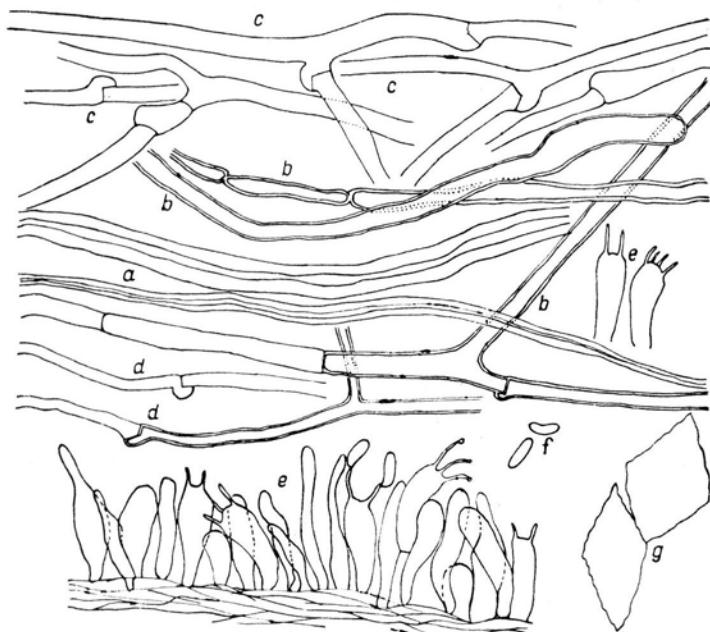


Fig. 12. *Tyromyces cinerascens* (Bres.) Bond. & Sing. in silva Zamordaje, 18.VI.1958
lectus:

hyphae subiculi parietibus crassis (a), crassioribus (b) et tenuibus (c), hyphae dissepimentorum parietibus crassioribus et tenuibus (d); fragmentum hymenii cystidiolis et basidiis (e), sporae (f) et crystalli tramales (g), ca 800 x

cremeis vel sordide flavidо-fusco-coloratis, usque ad 3 mm longis, aciebus subdentatis; poris concoloribus, disparibus, angulatis, saepe oblongis, 0,13—0,5 mm diam., 2—3—4 per mm; subiculo molli, sericeo, interdum aquoso et semper, vel apud specimina exsiccata, albo, usque ad 1 mm crasso, satis dense intricato e hyphis tenuiter et crassius tunicatis, rarius crassitunicatis vel subsolidis, septato-nodosis, flexuosis et parum ramificatis, 2—5 μ crassis; dissepimentis tenuissimis, 35—55 μ crassis, intricatis e hyphis tenuitunicatis, septato-nodosis, 2—3,5 μ crassis, saepe vesiculosis et tunc vel 10 μ crassis; basidiis 14—20 \times 4—5 μ cum 2—4 sterigmatis 2—3 μ longis; sporis plurimis, ellipsoideis et uno latere subdepressis, 4—5 \times 2,5—3 μ .

Eo loco hic fungus in Polonia primum inventus est.

Tyromyces resinascens (Rom.) Bond. & Sing.

[= *Poria resinascens* (Rom.) Lund. & Nannf.]

Ad ligna putrida *Salicis* et *Alni glutinosae*, Kamień et Kowalik, VIII.1956.

Carposomata resupinata, 2—3 \times 1—2 cm magna et 1—2 mm crassa, convexa, mollia, sed exsiccando dura et fragilia, margine

1—2 mm lata, primum albido dein flavidō; tubulis ex albidis flavidō-ferrugineo-coloratis, 0,5—2 mm longis; dissepimentis 60—150 μ crassis; poris rotundis vel angulatis, saepe disparibus, 0,1—0,3 (—0,45) mm diam., 3—4 per mm, pruinosis; subiculo albido vel flavidō, 0,2—0,3 mm crasso, e hyphis tenuitunicatis et crassitunicatis, 2—3,5 μ crassis, septatis fibulatisque; hyphis dissepimentorum obscuris, substantia brunneo-flavida dense agglutinatis: sporis absentibus. Primum in Polonia observatus.

Tyromyces semipileatus (Peck) Murr.

Ad ramos truncosque corticatos, rarius decorticatos arborum frondosarum (*Coryli*, *Fraxini*, *Quercus* et al.), satis frequens in silvis mixtis, Kamień et Ruciane, VIII.1956 et 1957, VI.1958.

Tyromyces semipileatus (Peck) Murr. f. *resupinatus* Bourd. & Galz.

Saepe una cum carposomatis pileatis ad ramos et truncos emortuos arborum frondosarum in silvis humi iacentes, Ruciane et Zamordaje, VI.1958 et ad ramum *Fraxini excelsioris* in silva Borki, 15.XI.1961.

Tyromyces semisupinus (Berk. & Curt.) Murr.

Carposomata omnino resupinata ad ramos emortus iacentesque *Coryli avellanae* et *Carpini betuli* in silvis Kamień et Wierzba, VIII.1957.

Tyromyces stipticus (Pers. ex Fr.) Kotl. & Pouz. in Česká Mykol. 13(1):28, 1959 sec. Lundell in Lund. & Nannf. Fungi exsicc. suec., praes. Upsalienses 27—28 : 8, 1946 (No. 1316).

[= *Tyromyces albidus* (Schaeff. ex Secr.) Donk.]

Ad ligna *Pini silvestris* et rarius *Piceae excelsae*, *Carpini betuli* (semel) et *Quercus roboris* (semel) in silvis coniferis mixtisque, Guzianka, Isnuta, Kamień, Ruciane et Wierzba, VIII.1956 et 1957, VI.1958. Carposomata diversiformia, effuso-reflexa, dimidiata, reniformia aut postice attenuata, conchoidea, flabellata, saepe minuta.

Tyromyces stipticus (Pers. ex Fr.) Kotl. & Pouz. f. *alutaceus* Bres.

Ad ramos et truncos emortuos *Pini silvestris* in silvis, Kamień et Guzianka, VIII.1956.

Tyromyces tephroleucus (Fr.) Donk.

Ad truncos iacentes *Pini silvestris* et *Quercus* in silvis Kamień et Ruciane, VIII.1956 et 1957.

Carposomata dimidiata, 1,2—1,7 \times 2—7 \times 1,7—2,5 cm; tubulis 2—3 mm longis; poris rotundis vel oblongis, 0,13—0,45 mm diam.; dissepimentis 35—75 (—110) μ crassis; hyphis solidis vel crassitunicatis, rarius tenuitunicatis, 2—6 μ crassis, fibulatis; sporis cylindraceo-curvulis, biguttulatis, 3,5—5 \times 1—1,5 μ .

Tyromyces trabeus (Rostk. sensu Bourd. & Galz.). Parmasto in Spor. rast. 12:232, 1959.

Ad ligna *Pini silvestris* in silvis prope vicos Kamień et Kowalik, VIII.1956 et 1957, frequens.

Carposomata resupinata vel effuso-reflexa, colore albido, sed tactu vel exsiccando fere semper plus minusve tenuiter rubido-fusco colorantur; tubulis 1—3 mm longis aciebus denique dentatis; poris subangulatis, oblongis vel flexuosis, 0,1—0,5 mm diam., 2—4, 3—4 vel 4—5 mm per mm; trama alba, sapore plus minusve amaro, usque ad 1 mm crassa hyphis crasse vel tenuiter tunicatis, 3—5 μ crassis, fibulatis; dissepimentis e hyphis similibus, 2—3 μ crassis; cystidiis clavatis, flavidis, 15—30 \times 5—9 μ mensurae et exigue super hymenio prominentibus; sporis cylindraceis, saepe subcurvulis, biguttulatis, 4—6 \times 1,2—1,5 μ .

Species haec nihil aliud nisi *Tyromyces undosus* (Peck) Murr. modo habebatur. Etiam nos idem erravimus, cum fungos in silvis carpaticis ad oppidum Gorlice patentibus lectos describeremus. Carposomata enim ibi (Domański 1960) ut *Tyromyces undosus* illustrata et determinata re vera carposomata *Tyromycetis trabei* sunt. Lowe et Lundell (1956) tamen *Polyporum trabeum* Rostk. sensu Bourd. & Galz. a *Tyromycete undoso insignibus* multis differre neque cum eo aequiparari posse demonstraverunt. A simillimo, praecipue colore, *Tyromycete fragili* T. *trabeus* eo praesertim abhorrire videtur, quod cystidia habeat et — secundum Teston (1953) investigationem — sistema hypharum dimiticum. Apud *Tyromycetem fragilem* autem id ipsum monomiticum est.

Fomitoideae

Fomes fomentarius (L. ex Fr.) Kickx.

Ad truncum emortuum *Betulae verrucosae* in silva Ruciane humi iacentem, VIII.1957.

Heterobasidion annosus (Fr.) Bref.

[= *Fomitopsis annosa* (Fr.) Karst.]

Carposomata pauca ad ligna *Piceae excelsae* et *Pini silvestris* in silvis Kamień et Ruciane, VIII.1956 et 1957 et in silva Sarni Dół prope oppidum Ostróda, 24.II.1961.

Heterobasidion annosus (Fr.) Bref. f. *Polyporus macraulos* Rostk.

Ad truncum emortuum *Pini silvestris* in silva Guzianka prope Ruciane, 21.VIII.1956.

Fomitopsis pinicola (S w. ex Fr.) Karst.

Ad ligna truncosque iacentes *Piceae excelsae* in silvis Kamień, 24.VIII.1957, Śmieszny Kąt prope oppidum Ostróda, 27.II.1961 atque

ad trunços *Tiliae* et *Alni glutinosae* in silvis Borki et Przerwanki,
14.XI.1961.

Fomitopsis unita (Pers.) Bond.

[= *Poria medullaris* S. F. Gray.]

Carposoma unistratosum ad lignum *Quercus* in silva Ruciane,
20.VIII.1956 et octistratosum ad lignum putridum in silva Śmieszny
Kat prope oppidum Ostróda, 27.II.1961.

Carposoma octistratosum usque ad 2,5 cm crassum, albo-cremeum;
poris rotundis, minutis, 3—6 per mm, albe pruinosis; hyphis crassi-
tunicatis vel tenuitunicatis, 1—2 μ crassis, fibulatis; sporis subo-
voideo-ellipsoideis, paulum truncatis, interdum subangulatis, uniguttu-
latis, 4—6,5 \times 3—5 μ .

Lignum putridum flavidum, laciniatum, abunde divisum stratis
latis satisque crassis mycelii albi, quod e hyphis tenuitunicatis,
ramosis, septato-nodosis, 1—2 μ crassis, saepe in funiculos usque
ad 6—7 μ crassos coniunctis, constat.

Nomini *Poria medullaris* S. F. Gray principatus est. Ego
tamen, quod nullum meum taxonomicum inventum de genere
Poria Pers. ex S. F. Gray s. l. in praesenti habeo, Bonдаревум
(1953), qui nomine *Fomitopsis unita* utitur, interim sequor. Nomen
Poria medullaris enim una cum nomine *Poria vulgaris* (Fr.) Cke.,
hic etiam citato, ponere non possum. Hi fungi enim duobus generibus:
Poria Pers. ex S. F. Gray em. Kotl. & Pouz. et *Poria* (Fr.)
Cke., quae diverse hodie explicatur, annumerantur.

Osmoporus odoratus (Wulf. ex Fr.) Sing. f. *monstrosus* Bond.

Ad lignum coniferum in silva Ruciane, 22.VIII.1956.

Piptoporus betulinus (Bull. ex Fr.) Karst.

Ad trunços emortuos *Betulae verrucosae* in silva Kamień, VIII.1956
et in silva Borki prope oppidum Węgorzewo, XI.1961.

Polyporoideae

Polyporus brumalis Pers. ex Fr.

Ad trunços iacentes *Betulae verrucosae*, Zamordaje, 18.VI.1958.

Polyporus varius Pers. ex Fr.

Ad ligna frondosa (*Ulmī* et al.) in silvis Kamień et Ruciane,
VIII.1956 et 1957.

Corioloidae

Antrodia mollis (Somm. ex Fr.) Karst.

Carposomata resupinata aut resupinato-reflexa ad ramos iacentes
in silvis Kamień, VIII.1957, Ruciane VI.1958 et Sarni Dół (fig. 13)
prope oppidum Ostróda, 24.II.1961.

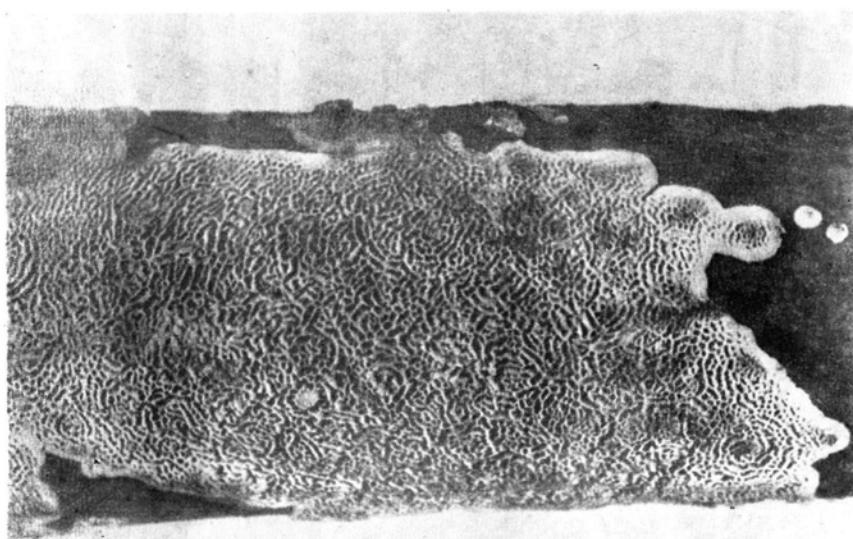


Fig. 13. *Antrodia mollis* (Somm. ex Fr.) Karst. ad ramum emortuum *Fagi silvaticae* in silva Sarni Dół prope oppidum Ostróda, 24.II.1961 lecta, 5/4 orig.

Cerrena unicolor (Bull. ex Fr.) Murr.

Ad ligna frondosa (*Betulae*, *Quercus* et al.) in silvis, Isnuta, Kamień et Wigryny, VIII.1957.

Cerrena unicolor (Bull. ex Fr.) Murr. f. *resupinata* Weinm.

Ad truncum arboris frondosae in silva Kamień humi iacentem, VIII.1957.

Coriolellus flavescens (Bres.) Bond. & Sing.

Ad stirpes et trunco emortuos corticatosque *Pini silvestris* in silvis Kamień et Zamordaje, VIII.1956 et 1957, VI.1958, satis frequens (fig. 14).

Carposomata resupinato-pulvinata, resupinato-reflexa, 0—1 × 1,5—9 × 0,9—3,5 cm, hymenophoro interdum absenti, trama 0,1—0,5 cm crassa, tubulis plerumque 0,3—0,6 cm in substrato perpendiculari autem usque ad 2 cm longis; poris rotundis vel subangulatis, rarius oblongis, 0,2—0,85 mm diam., medio 1—3 per mm, dissementis 125—300 µ crassis; sporis 6—8 × 2—3 µ.

Hunc fungum, rarum in Polonia, iam Eichler legit et carposomata eius in regionibus oppidi Międzyrzec Lubelski (minime autem in Białowieża!) collecta Bresadola (1903) ut speciem novam sub nomine *Trametes flavescens* descriptis.

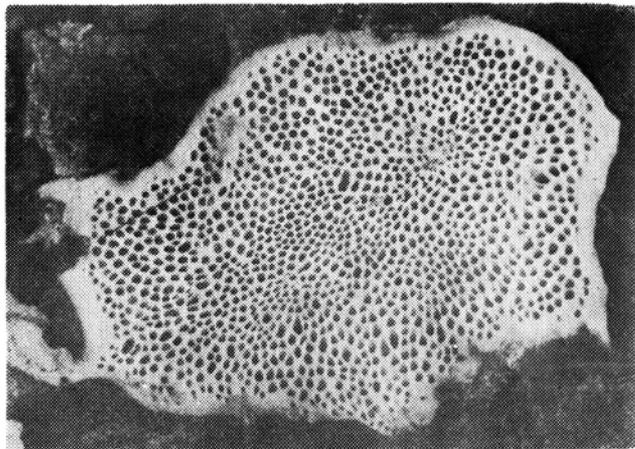


Fig. 14. *Coriolellus flavescens* (Bres.) Bond. & Sing. Carpo-
oma resupinatum ad corticem *Pini silvestris*, Zamordaje,
18.VI.1958, 4 x

Coriolellus squalens (Karst. sensu Romell) Bond. & Sing.

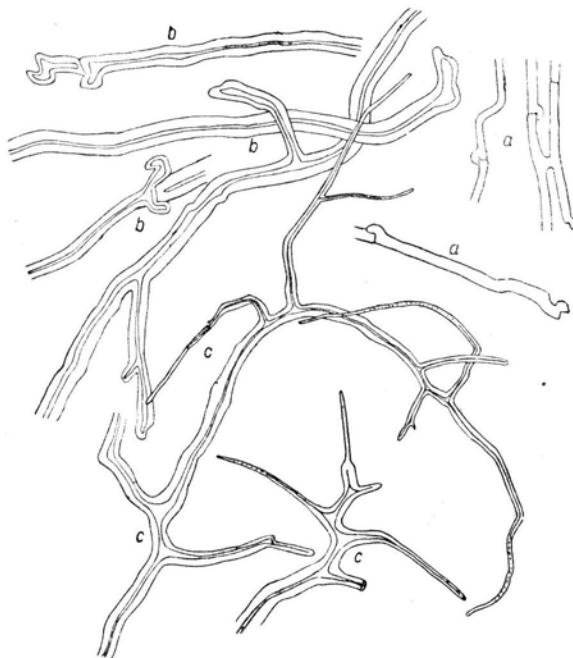
[= *Polyporus anceps* Peck et *Coriolellus anceps* (Peck) Parmasto nec *Poria squalens* (Karst.) Lowe in Mycologia, 48 (1956) et nec *Tyromyces squalens* (Karst.) Kotl. & Pouz. in Česka Mykol., 11(3) : 156, 1957 = *Polyporus albo-brunneus* Romell in Ark. Bot., 9(3) : 10, 1912.]

Ad trabem pineam librataquamque saepis in silva ad viam prope vicum, Zamordaje, 18.VI.1958.

Carposoma unum, fere resupinatum, 10×5 cm mensurae atque 0,5 cm crassum, ex albido pallide ochraceum, subiculo 1—2 mm crasso, tubulis 1—6 mm longis, dissepimentis 90—130 μ crassis, poris rotundis 0,1—0,2 mm diam., medio 4 per mm.

Carposomati huic trama et dissepimenta sunt specifico systemate hypharum dimitico, aliqua parte e hyphis generaticis, hyalinis, tenuitunicatis, 1—3 μ crassis, septato-nodosis composito, magna vero ex parte e hyphis selecticis, 3—6 μ crassis, habitum fibrillarum hyalinarum, longarum, flexuosalium, subsolidarum vel crassitunicatarum habentibus, sed satis frequenter septato-nodosis atque, praecipue in dissepimentis, dendritice terminatis, ramis plus minusve acutis vel obtusis, gradatim vel subito in fine angustatis usque ad 1 μ crassitudinis (fig. 15).

Lowe (1956) typis *Polyporacearum* Karsteni examinatis speciem *Trametes squalens* Karst. (1886) fungo resupinato, *Polyporo* albo-brunneo Romell (1912). synonymam esse agnovit et ad genus *Poria* Pers. ex S. F. Gray s. l. ut combinationem novam, *Poria squalens* (Karst.) Lowe, eam transtulit. Donk (1962) id cum vero



Fi. 15. *Coriolellus squalens* (Karst.) Bond. & Sing. in silva Zamordaje,
VI.1958 lectus:

hyphae tenuitunicatae (a), et crassitunicatae (b), fines dendritice ramificatis hypharum
crassitunicatarum in dissepimentis (c), 500 x

congruere non posse tamen explicavit. Nam ipse Romell (1926)
quidem differentias inter suum fungum *Polyporum albo-brunneum*
et Fungum Karsteni *Trametem squalentem* intellexit et speciem
Karsteni eandem ac fungum *Polyporus anceps* Peck existimavit.

Coriolellus serialis (Fr.) Murr. f. *serialis*.

Ad ligna *Piceae excelsae* in silvis Ruciane, VIII.1956 et Śmieszny
Kąt prope oppidum Ostróda, 27.II.1961.

Coriolellus serialis (Fr.) Murr. f. *resupinatus* Bourd. & Galz.

Ad trunco humi iacentes *Piceae excelsae*, Kamień, VIII.1957
et VI.1958.

Coriolellus sinuosus (Fr.) Sarkar.

Ad trunco humi iacentes *Piceae excelsae* et *Pini silvestris* in silvis Guzianka
et Zamordaje, VIII.1956 et VI.1958.

Daedalea confragosa Bolt. ex Fr.

Ad lignum *Alni glutinosae*, Kamień, 23.VIII.1956.

Daedalea confragosa Bolt. ex Fr. f. *rubescens* (Alb. & Schw.) Donk.

Ad ligna *Betulae*, *Quercus* et *Tiliae*, Kamień VIII.1957, atque ad lignum *Salicis capreae* in silva Przerwanki et duo carposomata immania, 5—13 × 15—23 × 5—6 cm mensurae ad truncum crassum *Alni glutinosae* vivae in silva Wilkus prope oppidum Węgorzewo, XI.1961.

Daedalea quercina L. ex Fr.

Ad ligna quercina in silvis Kamień, VIII.1957, Sarni Dół prope oppidum Ostróda, II.1961 et satis frequens ad asseres quercinos saepium in silva Przerwanki prope oppidum Węgorzewo, XI.1961. *Gloeophyllum abietinum* (Bull. ex Fr.) Karst.

Satis frequens ad ligna conifera in silvis Kamień, Kowalik, Ruciane, VIII.1956 et 1957 atque Durąg et Sarni Dół prope oppidum Ostróda, II.1961.

Gloeophyllum sepiarium (Wulf. ex Fr.) Karst.

Ad ligna *Pini silvestris* et *Piceae excelsae* in silvis Kamień, VIII.1957, Sarni Dół prope Ostróda, II.1961 et Przerwanki prope Węgorzewo, XI.1961.

Hirschioporus abietinus (Dicks. ex Fr.) Donk.

Satis frequens ad truncos et ramos emortuos arborum coniferarum ubique in silvis vicos Ruciane et Kamień circumdantibus, VIII.1956 et 1957, VI.1958, atque in silva Borki prope oppidum Węgorzewo, XI.1961.

Hirschioporus abietinus (Dicks. ex Fr.) Donk. var. *fuscoviolaceus* (Ehrenb. ex Fr.) Donk.

Ad truncos emortuos *Pini silvestris* ubique in silvis in regione vici Ruciane frequens, VIII.1956 et 1957, VI.1958. Etiam in silva ad oppidum Ostróda patente mense Februario 1961.

Lenzites betulina (L. ex Fr.) Fr.

Ad ligna *Quercus* et *Betulae*, Kamień et Wigryny, VIII.1957.

Oxyporus populinus (Schum. ex Fr.) Donk.

Ad truncum vivum *Aceris pseudoplatani* in vico Isnuta, VIII.1957.

Phaeocoriolellus trabeus (Pers. ex Fr.) Kotl. & Pouz.

[= *Gloeophyllum trabeum* (Pers. ex Fr.) Murr.]

Ad truncum emortuum *Quercus* in silva Kamień, 19.VIII.1956.

Trametes gibbosa (Pers. ex Pers.) Fr.

Ad lignum *Fagi silvaticae* in silva Markuszewo prope oppidum Ostróda, III.1961.

Trametes hirsuta (Wulf. ex Fr.) Pil.

Ad truncos et ramos emortuos raroque vivos arborum frondosarum (*Coryli*, *Quercus* et al.) in silvis Kamień et Ruciane, VIII.1956 et 1957, VI.1958.

Trametes hirsuta (Wulf. ex Fr.) Pil. f. *tenuis* f. n.

Pilei huius formae conchoïdei, 2,5—4,5 cm lati et 3—6,5 cm longi, hymenophoro cinereo-colorato, a typo solum crassitudine 0,1—0,3 cm differunt.

Hab. ad ramum tenuem Coryli avellanae in silva Wilkus prope oppidum Węgorzewo, ubi eam S. Bałazy 16.XI.1961 legit.

Habitu macroscopico Hirschioporo pergameno (Fr.) Bond. & Sing. paulisper similis est.

Trametes hirsuta (Wulf. ex Fr.) Pil. f. *pubescens* Kalchbr.

Carposomata duo ad lignum *Quercus* in silva Ruciane, VIII.1956.

Trametes versicolor (L. ex Fr.) Pil.

Ad ligna putrescentia *Betulae verrucosae* et aliarum arborum frondosarum ubique in silvis ad vicum Ruciane patentibus frequens.

Trametes versicolor (L. ex Fr.) Pil. f. *nigrozonata* Bond.

Ad lignum arboris frondosae in silva Kamień, VIII.1957.

Trametes versicolor (L. ex Fr.) Pil. f. *ad hirsutam transiens* Brés.

Ad stirpem betulinam in silva Wilkus prope oppidum Węgorzewo, XI.1961.

Carposomata imbricata, dimidiata, 1,5—5,4 × 2,5—6,5 × 0,5—0,8 cm, tomentosa, opaca, fumosa vel isabellino-cremea, exiguissime zonata; tubulis usque ad 1 mm longis; poris medio 3—4 per mm, *Coriolus hirsuto* typicis; basidiis 10—14 × 4—5 μ cum 2—4 sterigmatis 3—4 μ longis; sporis 4,5—6,5 × 2—2,7 μ.

Trametes zonata (Nees ex Fr.) Pil.

Ad lignum *Betulae verrucosae* in silva Wigryny, VIII.1957.

Trametes suaveolens (L. ex Fr.) f. *inodora* Fr. ap. Pil.

Ad truncum vivum *Salicis fragilis* in vico Durąg prope oppidum Ostróda, 1.III.1961.

Carposomata resupinato-pulvinata, 1,5—2 × 2—2,5 cm et usque ad 0,5 cm crassa, atque dimidiata, convexa, 1,2—2,5 × 1,5—3,5 × 0,7—1,3 cm; sporis plurimis, 7—10,5 × 3—3,5 μ.

Hymenochaetae

Hymenochaete tabacina (Sow.) Lév.

Ad truncum emortuum *Quercus* in silva Guzianka prope vicum Ruciane, 16.VI.1958.

Inonotus cuticularis (Bull. ex Fr.) Karst.

Ad truncum *Fraxini excelsioris* vivi 4,5 m circiter super terra, in oppido Ełk, 28.VIII.1957.

Carposomata imbricata, 2—9,5 × 2—17 × 0,3—3 cm, tubulis 0,2—1 cm longis, poris rotundis vel oblongis, 0,13—0,4 mm diam., 4—5 per mm; setis hymenalibus infrequentibus, 12,5—27,5 × 5—7,5 μ,

setis superficie pileorum plurimis circinatis, ramificatis; sporis plurimis, $5-7,5 \times 4,5-5,5 \mu$. In Polonia satis saepe observatur.

Inonotus radiatus (Sow. ex Fr.) Karst.

Ad ligna *Alni glutinosae*, *Coryli avellanae* et aliarum arborum frondosarum, Kamień, Ruciane et Wigryny, VIII.1956 et 1957.

Carposomata ad *Corylum lecta* pileis minutis, convexo-ungulatis, zonatis, $0,5-1,5 \times 0,8-2 \times 0,7-1,2$ cm mensurae.

Inonotus radiatus (Sow. ex Fr.) Karst. f. *resupinatus* Bourd. & Galz.

Ad truncum emortuum *Fagi silvatica* in silva Markuszewo prope oppidum Ostróda, 23.II.1961.

Phellinus conchatus (Pers.) Quél.

Ad truncum putrescentem *Quercus* in silva Kamień, 25.VIII.1957.

Carposomata effuso-reflexa vel dimidiata, $1,3-4,5 \times 1,5-9 \times 1-2,5$ cm, poris rotundis, medio 4—5 per mm; setis rarissimis, subulatis, basi inflatis, $(17,5-) 37,5-50 \times (4-) 7,5-10 \mu$; sporis subglogosis, $4-5,5 \times 4-5 \mu$.

Phellinus conchatus (Pers.) Quél. f. *resupinatus* Pil.

Saepe una cum carposomatis pileatis ad truncos iacentes corticatosque in silvis Kamień et Wigryny, VIII.1957.

Phellinus contiguus (Pers.) Bourd. & Galz.

Ad ramum emortuum in *Ulmo* vivo adhuc suspensum 5 m circiter super terra ad lacum Beldany prope vicum Kamień, 23.VIII.1957.

Carposomata resupinata, effusa, 20×5 cm mensurae atque $0,5-1$ cm crassa, in substrato perpendiculari $1-1,5$ cm antice producta et rudimentum quasi pilei cinereo-nigrum et a poris difformibus scrupuloso-inaequale, margine obtuso, efficienta; poris rotundis vel oblongis, $0,2-0,6 \times 0,2-0,25$ mm diam., medio 2—3 per mm; setis frequentissimis, $25-55 \times 6-10 \mu$, sporis absentibus.

Phellinus igniarius (L. ex Fr.) Quél. f. *igniarius*.

Ad ligna frondosa in silva Markuszewo prope Ostróda, 25.II.1961.

Phellinus igniarius (L. ex Fr.) Quél. f. *resupinatus* Bres.

Ad truncum iacentem *Betulae verrucosae* una cum pileis formae *nigricans* (Fr.) Bond. in silva Ruciane, 19.VI.1958.

Phellinus igniarius (L. ex Fr.) Quél. f. *nigricans* (Fr.) Bond.

Ad truncum iacentem *Betulae verrucosae* in silva Ruciane, 19.VI.1958.

Phellinus igniarius (L. ex Fr.) Quél. f. *salicis* Bond.

Ad truncum vivum *Salicis* in silva Śmieszny Kąt prope oppidum Ostróda, 27.II.1961.

Phellinus igniarius (L. ex Fr.) Quél. f. *tremulae* Bond.

Carposomata dilato-ungulata, subresupinata et resupinata ad trunco vivos emortuosque *Populi tremulae* in silvis Kamień, VIII.1956, Ruciane, VI.1958 atque Tabórz prope Ostróda, II.1961 et frequentissimus ad trunco vivos *Populi tremulae* in silvis virgineis Borki prope oppidum Węgorzewo, XI.1961.

Phellinus laevigatus (Fr.) Bourd. & Galz.

Ad trunco vivos emortuos corticatosque *Betulae verrucosae* in silvis Kamień, VIII.1957 et Zamordaje, VI.1958. In Polonia fungus hic adhuc solummodo in Białowieża notus est, ubi ad trunco iacentes *Betulae* saepe habitat (Pilát 1950).

Phellinus pini (Thore ex Fr.) Pil. var. *pini*.

Ad truncum *Pini silvestris* vivi in silva Markuszewo prope oppidum Ostróda, 24.II.1961.

Phellinus punctatus (Fr.) Pil.

Carposomata resupinato-pulvinata, uni- ad multistratosa, 2—30 × 2—6 cm mensurae atque 0,2—0,5 cm crassa.

Ad trunco vivos et emortuos nondumque iacentes arborum frondosarum (*Coryli*, *Quercus*, *Sorbi*, *Tiliae* et al.) ubique non solum in silvis Guzianka, Isnuta, Kamień, Ruciane, Wierzba, VIII.1957 et 1958, sed etiam ad trunco vivos *Salicis capreae* in silva Borki et ad ligna *Coryli avellanae* in silva Diabla Góra et Wilkus (Przerwanki), frequens, XI.1961.

Polystictus tomentosus Fr. ex Fr. var. *circinatus* (Fr.) Sart. & Maire.

Duo carposomata parva substipitataque ad truncum et radicem emortuum *Pini silvestris* in silva Kamień, VIII.1956 et 1957.

Tubulis usque ad 1 mm longis, decurrentibus, albe pruinosis, poris disparibus, angulatis vel oblongis, 0,2—0,6 mm diam., medio 2—3 in 1 mm; setis plerumque circinatis, 45—80 × 18—21,5 μ; sporis 4—6,5 × 3—4,5 μ.

Paxillaceae

Paxillus panuoides (Fr. ex Fr.) Fr.

Ad trunco vivos emortuos *Pini silvestris* in silvis Kamień, Kowalik et Zamordaje, frequens VIII.1956 et VI.1958.

Sporae 4—5,5 × 3—3,5 μ.

Tricholomataceae

Panellus stipticus (Bull. ex Fr.) Karst.

Ad ramos frondosos in silva Ruciane, VIII.1956.

Pleurotus dryinus (Pers. ex Fr.) Quél.

Semel ad truncum vivum *Salicis* ad lacum in oppido Ełk, 28.VIII.1957.

Sporae 9—12,5 × 3,5—5 μ.

Pleurotus dryinus (Pers. ex Fr.) Quél. f. *gracilis* Bres.

Ad truncum vivum *Carpini betuli*, Ruciane, 20.VIII.1956.

Pleurotus ostreatus (Jacq. ex Fr.) Quél. var. *pulmonarius* Fr.

Ad ramos arboris frondosae, Kamień et Ruciane, VIII.1956.

Sporae cylindraceae, 7—11 × 3—4,5 μ.

Tricholomopsis rutilans (Schiff. ex Fr.) Sing.

Ad lignum *Pini silvestris*, Kamień, 19.VIII.1956.

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