



POLISH HERBARIA

ZBIGNIEW MIREK
LUCYNA MUSIAŁ
JAN J. WÓJCICKI

Kraków 1997

POLISH BOTANICAL STUDIES
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KRAKÓW

POLISH ACADEMY OF SCIENCES

W. SZAFER INSTITUTE OF BOTANY

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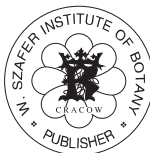
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POLISH HERBARIA

Zbigniew MIREK, Lucyna MUSIAŁ, Jan J. WÓJCICKI

MIREK Z., MUSIAŁ L., WÓJCICKI J. J. 1997. Polish Herbaria. Second Edition. *Polish Botanical Studies. Guidebook Series 18: 3–116.*

Polish plant collections with total amount of more than 4 million numbers gathered in 61 herbaria belonging to various institutions and six belonging to private individuals are characterised. Only 25 of them are listed in the last edition of *Index Herbariorum*. To the second edition of *Polish Herbaria* four new categories (HOME PAGE, OTHER COLLECTIONS, DATA BASES, LIBRARY) and Index to Herbarium Acronyms have been added.

W opracowaniu scharakteryzowano polskie zbiory zielnikowe liczące w sumie ponad 4 mln numerów zgromadzonych w 61 zielnikach należących do różnych instytucji i w sześciu zielnikach będących własnością prywatną. Jedynie 25 spośród nich wymienia ostatnie wydanie międzynarodowego *Index Herbariorum*. Do drugiego wydania *Polish Herbaria* zostały dodane cztery nowe kategorie (strona informacyjna instytucji w Internecie, inne kolekcje, bazy danych, zbiory biblioteczne) oraz indeks kolekcji uporządkowanych alfabetycznie według ich akronimów.

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INTRODUCTION

A review of the plant collections in Poland presented in the second edition of *Polish Herbaria* is based on the data obtained by the authors directly from the curators or private owners of herbaria by means of questionnaires. Some missing information regarding staff have been supplemented from *Who is Who in Polish Botany* (MIREK, MUSIAŁ, WÓJCICKI 1995). Unfortunately, for some of the herbaria the information is only slightly updated by the authors, as the curators did not respond to the further questionnaires. Finally an information on 61 institutional and 6 private herbaria have been completed (Table 1); only 25 of them are indicated in the last edition of *Index Herbariorum* (HOLMGREN, HOLMGREN, BARNETT 1990).

The institutional herbaria in Poland are associated with universities (15), agricultural academies (14), regional museums (9), teachers colleges (5), Polish Academy of Sciences (5), medical academies (3), Ministry of Forestry (2), national parks (7), and others (1). They are located in 36 towns and spread more or less evenly throughout the country (Fig. 1). The majority of them was established after the World War II (Fig. 2) and these are mostly small herbaria. Only a few older herbaria are relatively larger ones (Fig. 3). The largest Polish botanical collection containing in total over one million specimens housed in the five institutional herbaria and one private herbarium is localised in Kraków (Fig. 4).

In this edition 4.041.857 sheets, or other herbarium units (envelopes, boxes, slides) including 2.834.041 vascular plants, 562.722 bryophytes, 229.528 fungi and myxomycetes, 357.516 lichens, and 29.929 algae are recorded (Table 1). Distribution of collections of the particular groups is given in Figures 5-8. It should be noted that the figures for the collection of algae could be enriched to some extent by the collection of the algal illustrations. The algological *Iconotheca* gathered in the W. Szafer Institute of Botany of the Polish Academy of Sciences in Kraków includes about 440.000 illustrations and is one of the largest collection of this type in the world.

Most of the Polish herbaria store rather local material. Only a few, i.e. KRA, KRAM, KOR, LBL, POZ, POZG, UGDA, WA, WRSL, hold worldwide collections. Type specimens are poorly represented in the Polish herbaria and most of them are held rather in the larger collections. For example, herbarium KRA and KRAM keep about 1.500 types, LBL – several hundred of types (mostly lichens), POZG – many types of African phanerogams,

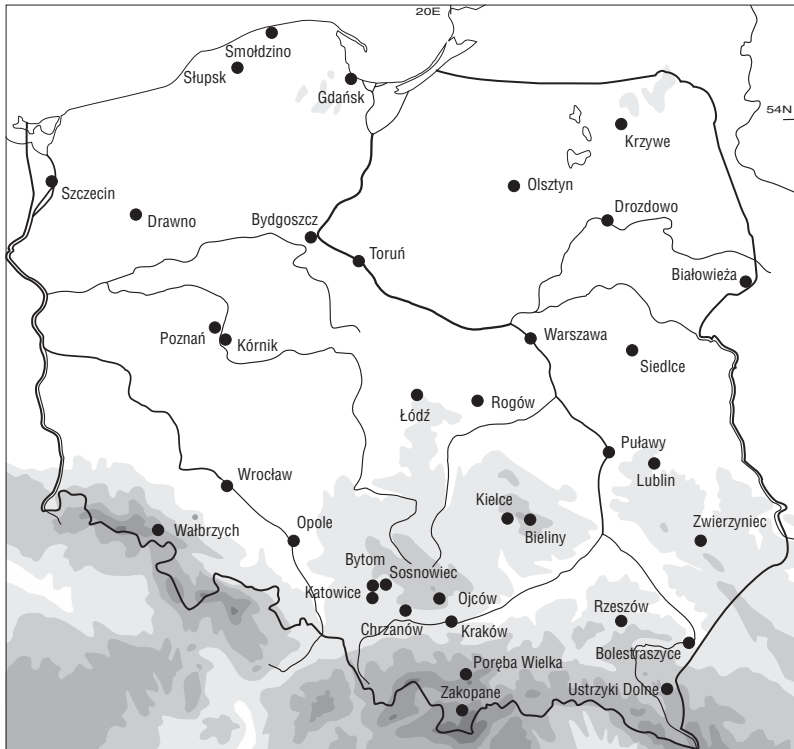


Fig. 1. Localization of Polish herbaria.

Ryc. 1. Lokalizacja polskich zielników.

KOR – types of Mediterranean and South-West Asian trees, shrubs and shrublets, UGDA – about 200 types specimens of *Orchidaceae*.

The herbaria listed in the main part of *Polish Herbaria* are arranged alphabetically by the city. Acronyms used in HOLMGREN, HOLMGREN and BARNETT (1990) for 25 herbaria are adopted and for most of the others these proposed by MIREK (1990) have been used. An additional seven herbaria provided with new acronyms or abbreviations suggested mainly by their keepers have been introduced. The general information on the collections follows the pattern given in HOLMGREN, HOLMGREN and BARNETT (1990), but other similar directories were also consulted (e.g. VITT, GRADSTEIN, IWATSUKI 1985). Private herbaria bear acronyms of a different type i.e. ab-

Table 1. Number of specimens accumulated in Polish herbaria with division into systematic groups.
Tabela 1. Liczba okazów zgromadzonych w polskich zielnikach z podziałem na grupy taksonomiczne.

ACRONYM	TOWN	CONSULTANTS	TOTAL	VASCULAR PLANTS	BRYO-PHYTES	FUNGI & MYXO.	LICHENS	ALGAE	OTHERS
BDPA	Bolestraszyce	–	19000	10000	0	0	9000	0	0
BIL	Białowieża	A. Sokołowski	78350	68000	10100	0	250	0	0
BNPH	Ustrzyki Dolne	S. Kucharzyk	2460	2460	0	0	0	0	0
BSG	Białowieża	W. Adamowski	34500	28000	4000	0	2500	0	0
BYDG	Bydgoszcz	B. Kwiatkowska	6140	6140	0	0	0	0	0
CHRZ	Chrzanów	P. Grzegorzek	7909	7543	9	293	63	1	0
DRAPN	Drawno	J. Kujawa-Pawlaczyk	7510	7130	313	0	67	0	0
GDMA	Gdańsk	M. Buliński	32000	31700	300	0	0	0	0
GPN	Poręba Wielka	P. Czarnota	1250	0	0	0	1250	0	0
HMIPC	Kraków	T. Kowalski	16000	0	0	16000	0	0	0
IUNG	Puławy	J. Gądor	11000	11000	0	0	0	0	0
KINM	Kielce	P. Król	2149	1595	155	0	399	0	0
KOR	Kórnik	J. Zieliński	68000	68000	0	0	0	0	0
KRA	Kraków	E. Dubiel	306400	240000	15400	30500	15000	0	5500
KRAM	Kraków	Z. Mirek	645223	413000	140000	40870	43500	7853*	0
KRAP	Kraków	–	65000	30000	0	0	35000	0	0
KRFB	Kraków	G. Piątek	6200	6200	0	0	0	0	0
KTC	Kielce	–	21350	7000	0	1500	12000	850	0
KTU	Katowice	–	75100	72000	3000	100	0	0	0
LBL	Lublin	M. Szarowski	388500	131000	112000	0	142000	2000	1500
LBLM	Lublin	–	25000	0	0	25000	0	0	0
LOD	Łódź	–	394200	350000	11700	20000	12500	0	0
MGS	Bytom	J. Betleja	22451	12300	9730	421	0	0	0
OLS	Olsztyn	–	14000	14000	0	0	0	0	0
OLSZ	Olsztyn	L. Olesiński	7600	7600	0	0	0	0	0
OLTC	Olsztyn	–	2472	2472	0	0	0	0	0
OMWM	Olsztyn	K. Gębura	2368	2368	0	0	0	0	0
OPN	Ojców	–	480	480	0	0	0	0	0
OPOL	Opole	–	5000	5000	0	0	0	0	0

PBMA	Poznań	–	40000	40000	0	0	0	0	0
POZ	Poznań	P. Szkudlarz	185000	160000	0	0	25000	0	0
POZG	Poznań	A. Rusińska	229000	145000	84000	0	0	0	0
POZM	Poznań	M. Lisiewska K. Szambelańczyk	13000	0	0	13000	0	0	0
POZNB	Poznań	P. Urbański	27850	12900	12650	1200	800	300	0
POZNF	Poznań	W. Szwed	6700	6700	0	0	0	0	0
POZW	Poznań	J. Szweykowski	40000	0	40000	0	0	0	0
ROGA	Rogów	J. Tumiłowicz	700	700	0	0	0	0	0
RPNH	Zwierzyniec	Z. Maciejewski	212	212	0	0	0	0	0
RZS	Rzeszów	–	2000	2000	0	0	0	0	0
SKPN	Bieliny	P. Krzos	2560	2309	0	0	251	0	0
SLTC	Słupsk	I. Izydorek	33000	30000	0	0	3000	0	0
SMOK	Drozdowo	K. Zielińska	4500	4500	0	0	0	0	0
SOSN	Sosnowiec	E. Pietkun	23000	1000	22000	0	0	0	0
SPNH	Smoldzino	–	800	800	0	0	0	0	0
SZCZ	Szczecin	L. Wolejko	13700	4500	7000	2000	0	200	0
SZPA	Szczecin	–	1100	0	0	1100	0	0	0
SZUB	Szczecin	–	8800	6500	300	2000	0	0	0
TRN	Toruń	W. Gugnacka-Fiedor	208000	195000	3000	800	2000	0	0
UGDA	Gdańsk	W. Faltynowicz D. Szlachetko	70400	35000	7000	400	28000	0	0
WA	Warszawa	K. Spalik	300700	205000	50000	28700	11000	6000	0
WALM	Walbrzych	I. Szydłowska	3549	0	0	0	0	0	3549
WAME	Warszawa	–	6792	0	0	0	0	0	6792
WAUF	Warszawa	–	5000	0	0	5000	0	0	0
WPN	Krzywe	M. Romański	180	0	0	0	0	0	0
WRAB	Wrocław	–	12100	10000	1000	0	1000	100	0
WRAF	Wrocław	–	2000	0	0	2000	0	0	0
WRSL	Wrocław	K. Świerkosz	500000	400000	27000	38400	22000	12600	0
WSRP	Siedlce	–	22750	22030	0	0	720	0	0
ZAMU	Zakopane	G. Cisło	7972	6402	615	114	216	25	600
ZTS	Zakopane	H. Piękoś-Mirkowa	10080	8500	1450	130	0	0	0
Total Number			4041857	2834041	562722	229528	357516	29929	18121

(*) Plus iconotheca of algae comprising 440000 drawings.

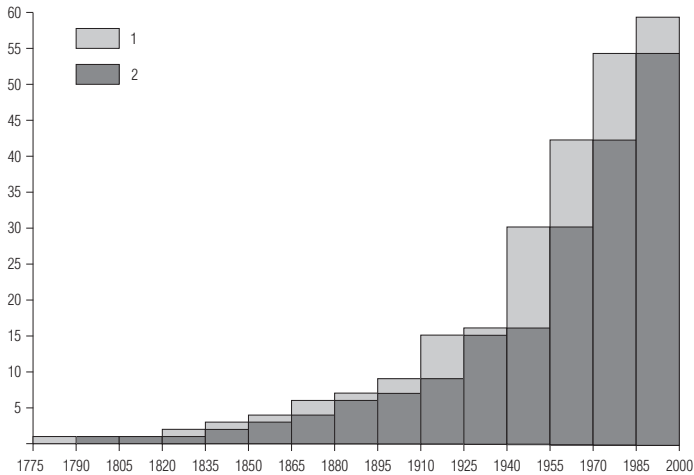


Fig. 2. Historical development of Polish herbaria. Vertically – number of herbaria; horizontally – years. 1 – herbaria established in the given period; 2 – herbaria existing in former period.

Ryc. 2. Historyczny rozwój Polskich zielników. Oś rzędnych – liczba zielników; oś odciętych – lata. 1 – zielniki powstałe w danym okresie; 2 – zielniki istniejące w poprzednim okresie.

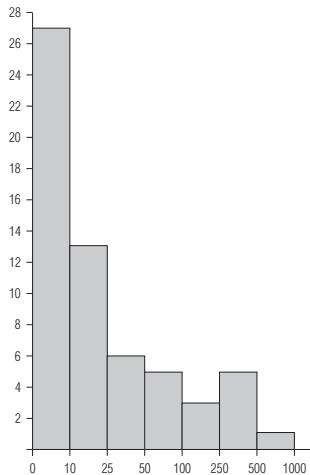


Fig. 3. Dimensional differentiation of Polish herbaria. Vertically – number of herbaria; horizontally – dimensional classes (in thousands).

Ryc. 3. Zróżnicowanie wielkości polskich zielników. Oś rzędnych – liczba zielników; oś odciętych – klasy wielkości (w tysiącach).

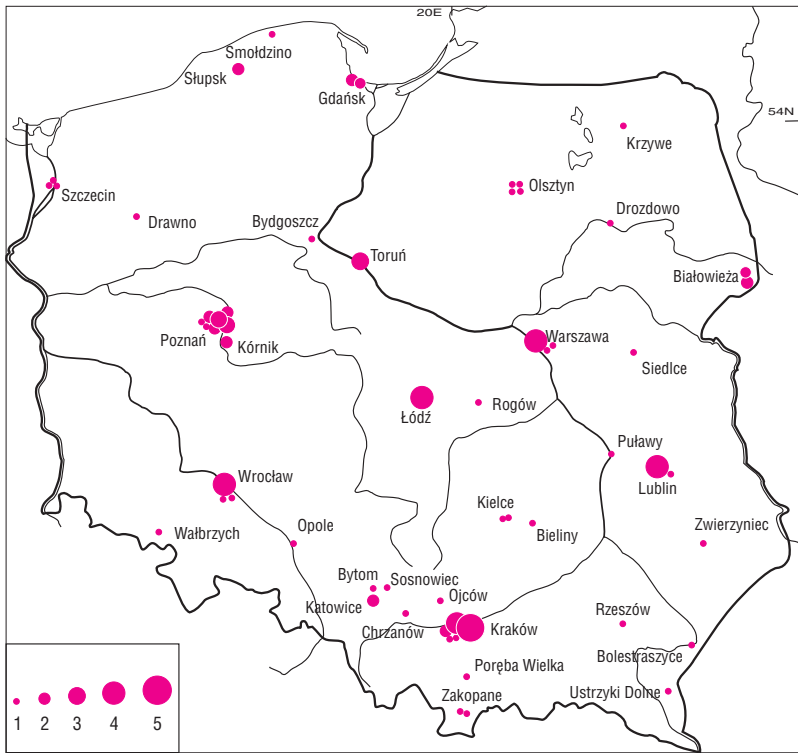


Fig. 4. Total number of specimens in herbaria of particular town. 1 – to 25,000; 2 – 25,001–100,000; 3 – 100,001–250,000; 4 – 250,001–500,000; 5 – over 500,000.

Ryc. 4. Sumaryczna liczba okazów w zielnikach poszczególnych miast. 1 – do 25,000; 2 – 25,001–100,000; 3 – 100,001–250,000; 4 – 250,001–500,000; 5 – ponad 500,000.

abbreviation *hb.* (herbarium) followed by three beginning letters of the owners family name.

For the first time, the four new categories (HOME PAGE, OTHER COLLECTIONS, DATA BASES, LIBRARY) has been added. They provide respectively Internet address of the institution Home Page, a short information on other collections (including e.g. living, palaeobotanical, carpological and palynological collections, botanical iconography and photographs, and information that does not conveniently fit into other category concerning botanical collections), and a short information on data bases including these available through Internet, and institution library resources.

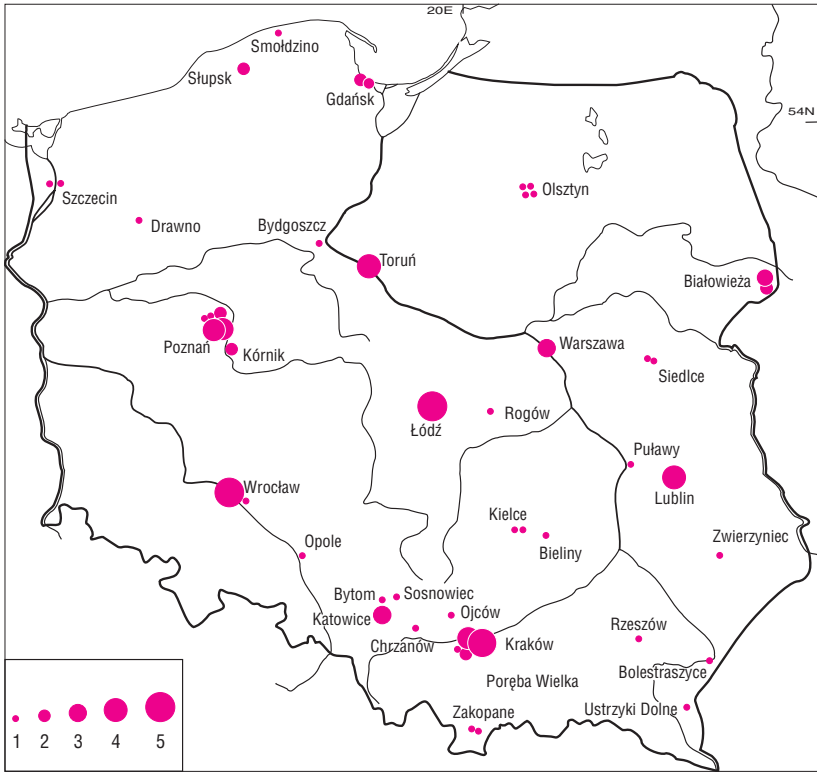


Fig. 5. Collections of vascular plants in Polish herbaria. 1 – to 25.000; 2 – 25.001–50.000; 3 – 50.001–100.000; 4 – 100.001–250.000; 5 – over 250.000.

Ryc. 5. Zbiory roślin naczyniowych w zielnikach polskich. 1 – to 25.000; 2 – 25.001–50.000; 3 – 50.001–100.000; 4 – 100.001–250.000; 5 – ponad 250.000.

Abbreviations used in the text

CUR	curator
DIR	director
CUR PROCED	curatorial procedure
GEOGR AREA	geographical area
BOT GARDEN	botanical garden
OTHER COLL	other collections
P & S WORKS	periodicals and serial works

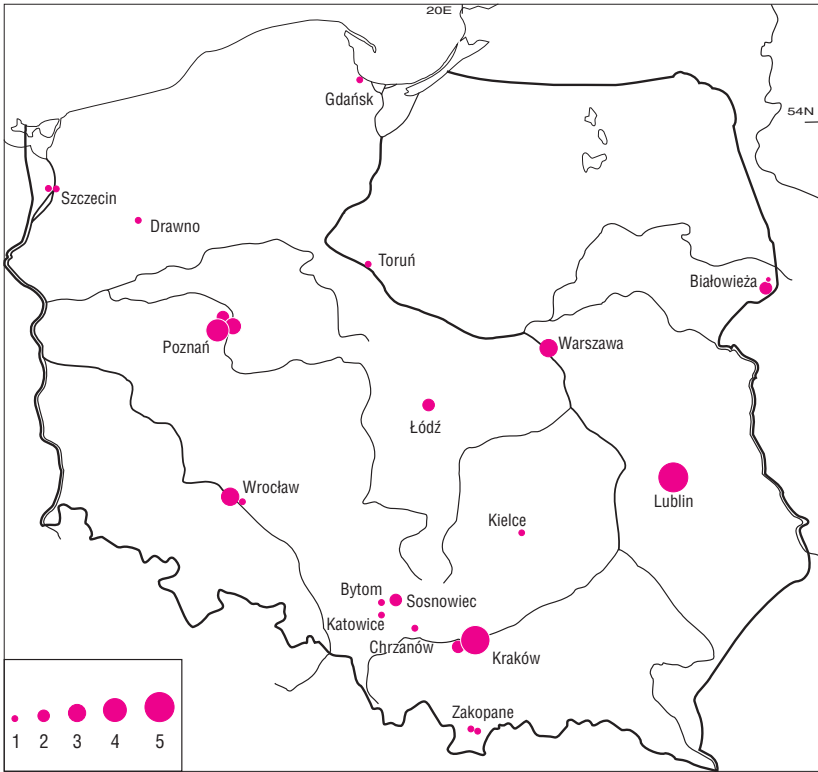


Fig. 6. Collections of bryophytes in Polish herbaria. 1 – to 10.000; 2 – 10.001–25.000; 3 – 25.001–50.000; 4 – 50.001–100.000; 5 – over 100.000.

Ryc. 6. Zbiory mszaków w zielnikach polskich. 1 – do 10.000; 2 – 10.001–25.000; 3 – 25.001–50.000; 4 – 50.001–100.000; 5 – ponad 100.000.

ACKNOWLEDGMENTS

We are greatly indebted to the directors and curators as well as private owners of the herbaria consulted (see Table 1) for an information on collections without which the second edition of *Polish Herbaria* would not have been possible.

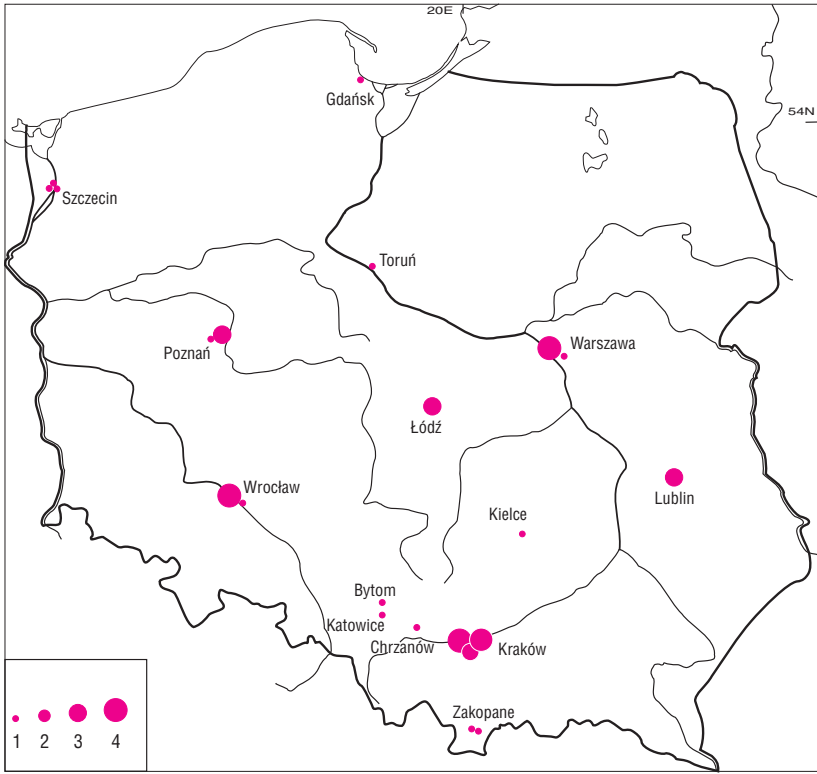


Fig. 7. Collections of fungi and myxomycetes in Polish herbaria. 1 – to 5,000; 2 – 5,001–10,000; 3 – 10,001–25,000; 4 – over 25,000.

Ryc. 7. Zbiory grzybów i śluzowców w zielnikach polskich. 1 – to 5,000; 2 – 5,001–10,000; 3 – 10,001–25,000; 4 – over 25,000.

WPROWADZENIE

Charakterystyka polskich zbiorów zielnikowych zawarta w obecnym, drugim wydaniu *Polish Herbaria* oparta jest na danych pochodzących z ankiet, otrzymanych wprost od kuratorów poszczególnych zbiorów. Niektóre brakujące dane personalne uzupełniono na podstawie opracowania *Kto jest kim w botanice polskiej* (MIREK, MUSIAŁ, WÓJCICKI 1995). Niniejsze wydanie zawiera informacje o 61 zielnikach związanych z różnymi instytu-

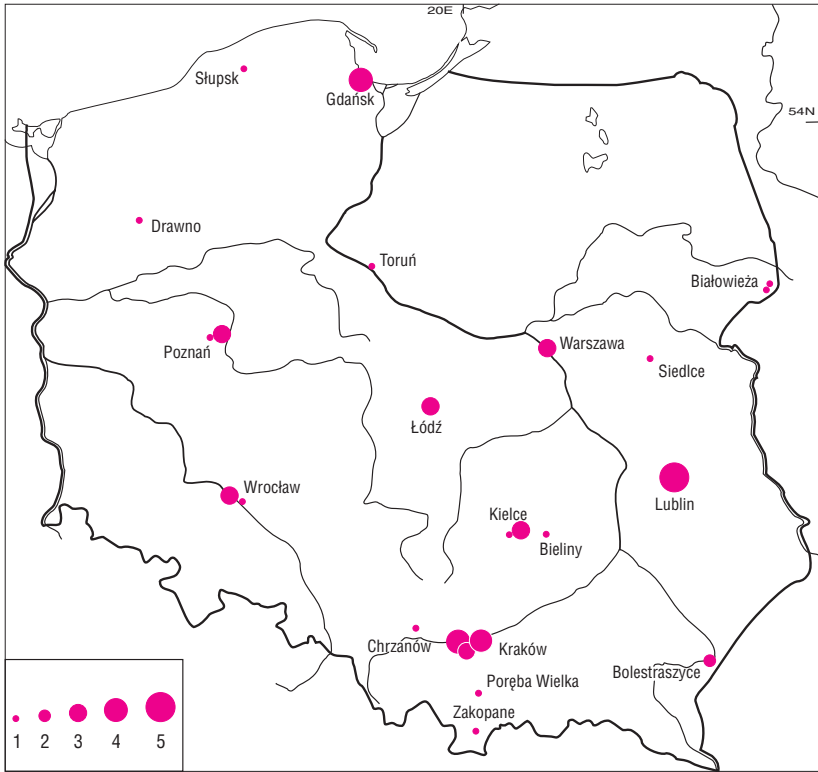


Fig. 8. Collections of lichens in Polish herbaria. 1 – to 5,000; 2 – 5,001–10,000; 3 – 10,001–25,000; 4 – 25,001–50,000; 5 – over 50,000.

Ryc. 8. Zbiory porostów w zielnikach polskich. 1 – do 5,000; 2 – 5,001–10,000; 3 – 10,001–25,000; 4 – 25,001–50,000; 5 – ponad 50,000.

cjami oraz o sześciu zielnikach prywatnych (Tabela 1); jedynie 25 z nich wymienia ostatnie wydanie *Index Herbariorum* (HOLMGREN, HOLMGREN, BARNETT 1990).

Polskie kolekcje botaniczne zgromadzone są w 61 zielnikach związanych jest z następującymi instytucjami: uniwersytety (15), akademie rolnicze (14), regionalne muzea (9), wyższe szkoły pedagogiczne (5), placówki Polskiej Akademii Nauk (5), akademie medyczne (3), placówki podległe Ministerstwu Leśnictwa (2) oraz inne (1). Wszystkie zielniki zgrupowane są w 36 miejscowościach i są mniej więcej równomiernie rozmieszczone na terenie

kraju (Ryc. 1). Większość z nich to zbiory względnie młode, powstałe dopiero po II wojnie światowej (Ryc. 2). Zaledwie sześć zielników posiada zbiory przekraczające 250.000 arkuszy (Ryc. 3). Pod względem sumarycznej wielkości zbiorów (Ryc. 4) największe zbiory zgromadzone są w Krakowie (wraz z zielnikami prywatnymi ponad 1.000.000 arkuszy). Całość polskich zbiorów liczy 4.041.857 arkuszy lub ich odpowiedników (koperty, pudełka itp.), w tym 2.834.041 stanowią rośliny naczyniowe, 562.722 mszaki, 229.528 grzyby i śluzowce, 357.516 porosty, 29.929 glony (Tabela 1). Glony są najslabiej reprezentowane w naszych zbiorach. W grupie tej jednak odpowiednik zielnika może stanowić, w pewnym stopniu, zbiór ikonograficzny (ikonoteka). Taka centralna ikonoteka gromadzona jest w Instytucie Botaniki im. W. Szafera Polskiej Akademii Nauk w Krakowie. Liczy ona obecnie około 440.000 okazów (fotografii i rycin) i należy do najbogatszych zbiorów tego typu w świecie. Wielkość zbiorów reprezentujących poszczególne grupy systematyczne w różnych krajowych ośrodkach przedstawiono na Ryc. 5–8.

Większość polskich kolekcji ma charakter lokalny lub regionalny. Bogatsze materiały zielnikowe spoza Polski znajdują się w kilku zaledwie zielnikach (KRA, KRAM, LBL, KOR, POZ, POZG, WA, WRSL). Najbogatsze w typy są zielniki krakowskie (KRA i KRAM), gdzie znajduje się około 1.500 typów nomenklatorycznych (głównie roślin naczyniowych i mszaków), zielnik lubelski (LBL), gdzie przechowywanych jest kilkaset typów (głównie porostów), bogata kolekcja roślin naczyniowych z Afryki z wieloma typami przechowywana w Poznaniu (POZG), a także zielnik w Kórniku (KOR) z wieloma typami drzew, krzewów i krzewinek z obszaru śródziemnomorskiego i północno-zachodniej Azji.

Zielniki prezentowane w niniejszym opracowaniu uporządkowane są alfabetycznie według miast. Po nazwie miasta umieszczona jest angielska i polska wersja nazwy instytucji, do której zbiorów należy, oraz akronim zielnika. Akronimy dla 25 zielników przyjęto za ostatnim wydaniem *Index Herbariorum* (HOLMGREN, HOLMGREN, BARNETT 1990, a dla większości pozostałych – za pierwszym wydaniem *Polish Herbaria* (MIREK 1990). Dla zbiorów wprowadzonych tutaj po raz pierwszy zaakceptowano, w większości przypadków, akronimy zaproponowane przez kuratorów poszczególnych zbiorów, sprawdzając wcześniej, czy nie kolidują one z akronimami już użytymi w *Index Herbariorum*. Dla odróżnienia zbiorów prywatnych, przyjęto dla nich akronimy odmiennego typu – mianowicie skrót *hb.* z trzema początkowymi literami nazwiska właściciela zielnika. Charakterystyka zielników oparta jest generalnie na schemacie przyjętym w *Index Herbariorum* (HOLMGREN, HOLMGREN, BARNETT 1990) oraz w innych opracowaniach tego typu

(np. VITT, GRADSTEIN, IWATSUKI 1985), z pewnymi modyfikacjami, wynikającymi z charakteru polskich zbiorów.

Do charakterystyk zbiorów obecnym wydaniu *Polish Herbaria* wprowadzono cztery dodatkowe kategorie, nie uwzględnione w poprzednim wydaniu. Są to: HOME PAGE (adres internetowy instytucji), OTHER COLL (inne zbiory, np. żywe kolekcje, kolekcje paleobotaniczne, palynologiczne i karpologiczne, a także zbiory ikonografii i fotografii botanicznej i wszystkie te zbiory, które ze względu na swój charakter nie zostały wykazane w innych przyjętych kategoriach), DATA BASES (bazy danych), LIBRARY (zbiory biblioteczne szeroko pojętej literatury botanicznej).

Skróty użyte w tekście

DIR	dyrektor
CUR	kurator
CUR PROCED	sposób przechowywania zbiorów
GEOGR AREA	obszar geograficzny, z którego pochodzi zbiór
BOT GARDEN	ogród botaniczny
OTHER COLL	inne zbiory
P & S WORKS	periodyki i wydawnictwa seryjne

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- VITT D. H., GRADSTEIN S. R., IWATSUKI Z. 1985. Compendium of Bryology. A World Listing of Herbaria, Collectors, Bryologists, and Current Research. *Bryophytorum Bibliotheca* **30**: 1–355. J. Cramer, Braunschweig.

INSTITUTIONAL HERBARIA

BIAŁOWIEŻA ● *Natural Forest Department, Forest Research Institute (Zakład Lasów Naturalnych, Instytut Badawczy Leśnictwa) – BIL*

ADDRESS ● Park Dyrekcyjny 6, 17–230 Białowieża
tel. (835) 123–96; fax: (835) 122–03

FOUNDATION ● institution – 1930; herbarium – 1962

SPECIMENS ● total 78.350 [vascular plants – 68.000; bryophytes – 10.100; lichens – 250]

GEOGR AREA ● regional collections from NE Poland

DIR & CUR ● Prof. Dr. ALEKSANDER W. SOKOŁOWSKI, 1932
(flora and vegetation of NE Poland, nature protection)

RESEARCH ● chorology of vascular plants and plant communities in NE Poland

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – plants from NE Poland; *wanted* – synanthropic newcomers in Europe and European xerothermic species

CUR PROCED ● specimens are mounted on herbarium sheets and stored in metal boxes in holders in numerical order. Sheet size: 28 × 42 cm.

LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

BIAŁOWIEŻA ● *Białowieża Geobotanical Station, Warsaw University (Białowieska Stacja Geobotaniczna, Uniwersytet Warszawski) – BSG*

ADDRESS ● ul. Sportowa 19, 17–230 Białowieża
tel. (835) 125–48, 124–79; fax: (835) 124–79

- FOUNDATION ● institution – 1952; herbarium – 1959
- SPECIMENS ● total 34.500 [vascular plants – 28.000; bryophytes – 4.000; lichens – 2.500]
- GEOGR AREA ● local collection from especially NE Poland the Białowieża Forest
- DIRECTOR ● Prof. Dr. JANUSZ B. FALIŃSKI, 1934 (ecology, geobotany, phytosociological cartography, synanthropic flora and vegetation, nature protection)
- CURATOR ● Dr. WOJCIECH ADAMOWSKI, 1961 (synanthropic flora and vegetation, nature protection, xerothermic grasslands, *Orchidaceae*, *Balsaminaceae*)
- RESEARCH ● vegetation and plant population dynamics
- LOAN ● to recognized botanical institutions
- EXCHANGE ● not carried
- CUR PROCED ● specimens are filed on herbarium sheets and stored in cardboard boxes. Sheet size: 28 × 42 cm.
- P & S WORKS ● *Phytocoenosis*
- BOT GARDEN ● experimental garden 1 ha
- LITERATURE ● FALIŃSKI J. B., ADAMOWSKI W. 1991. Zielnik Białowieskiej Stacji Geobotanicznej. *Phytocoenosis* 3 (N.S.). *Seminarium Geobotanicum* 1: 310–312.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.
- BIELINY** ● *Research Laboratory and Museum, Świętokrzyski National Park* (Pracownia Naukowo-Badawcza i Muzeum, Świętokrzyski Park Narodowy) – **SKPN**
- ADDRESS ● Święty Krzyż; 26–004 Bieliny
tel. (41) 17–74–83
- FOUNDATION ● institution – 1950; herbarium – 1977
- SPECIMENS ● total 2.560 [vascular plants – 2.309; lichens – 251]
- GEOGR AREA ● local collection (vascular plants and lichens from the Świętokrzyski National Park and its buffer zone)
- DIRECTOR ● Dr. STANISŁAW HURUK, 1935 (entomology)

- CURATOR** ● M. Sc. Eng. PAWEŁ KRZOS
- STAFF** ● M. Sc. Eng. R. PODLASKI, 1962 (forest cultivation and protection)
M. Sc. D. WOJDAN, 1964 (zoology, forest protection)
M. Sc. Eng. A. CZEPLINA-MIERNIK, 1971 (didactics)
- RESEARCH** ● botany, zoology, mainly entomology, forestry
- LOAN** ● not available at present
- EXCHANGE** ● *available* – plants from the Świętokrzyski National Park; *wanted* – plants from the Świętokrzyski National Park and its vicinity
- CUR PROCED** ● specimens are filed on herbarium sheets and stored in cardboard boxes. Sheet size: 28 × 43,5 cm.
- LIBRARY** ● 2.650 volumes
- LITERATURE** ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.

BOLESTRASZYCE ● *Department of Physiography and Arboretum in Boleszasyce* (Zakład Fizjografii i Arboretum Boleszasyce) – **BDPA**

- ADDRESS** ● Boleszasyce – Zamek, 37–700 Przemyśl, skr. poczt. 471
tel. (10) 71–69–25
- FOUNDATION** ● institution – 1975; herbarium – 1975
- SPECIMENS** ● total ca 19.000 [vascular plants – 10.000; lichens – 9.000]
- GEOGR AREA** ● vascular plants and lichens from SE Poland; *Trapa* from Poland
- DIRECTOR** ● Prof. Dr. JERZY PIÓRECKI 1933 (floristics, rare and endangered vascular plants and lichenes, ecology of *Trapa*, historical gardens in SE Poland)
- CURATOR** ● Prof. Dr. JÓZEF KISZKA (lichens) – see also KRAP
- STAFF** ● M. Sc. EWA ANTONIEWSKA (rare and endangered vascular plants)
MARIUSZ CZERNICKI (rare and endangered aquatic plants)

JÓZEF HORDOWSKI (lichens, ornithology)

M. Sc. ELŻBIETA ŻYGALA (dendrology)

RESEARCH ● rare and endangered vascular plant species in SE Poland; lichens of SE Poland, ecology of *Trapa*, dendrology, historical varieties and forms of fruit trees and shrubs, historical gardens SE Poland

LOAN ● to recognized botanical institutions

EXCHANGE ● not available

CUR PROC ● specimens of vascular plants are filed on herbarium sheets and stored in the cardboard boxes. Specimens of lichens are filed in paper envelopes in the cardboard boxes

P & S WORKS ● *Arboretum Bolestraszyce*

OTHER COLL ● arboretum – 1.500 specimens of shrubs and trees; greenhouse plants – 100 species, rare and endangered plants – 130 native plant species; fruit trees and shrubs – 200 varieties and forms

LIBRARY ● 4.200 volumes

LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

BYDGOSZCZ ● *Department of Botany and Ecology, Agricultural Faculty, Technical-Agricultural Academy (Katedra Botaniki i Ekologii, Wydział Rolniczy, Akademia Techniczno-Rolnicza) – BYDG*

ADDRESS ● ul. Prof. S. Kaliskiego, 85–796 Bydgoszcz
tel. (52) 43–81–54

FOUNDATION ● institution – 1969; herbarium – 1983

SPECIMENS ● 6.140 [vascular plants only]

GEOGR AREA ● regional collection

DIRECTOR ● Prof. Dr. EUGENIUSZ R. ŚPIEWAKOWSKI, 1928 (hydrobotany)

CURATOR ● M. Sc. BARBARA KWIATKOWSKA

- STAFF ● Dr. BEATA DĄBROWSKA, 1958 (hydrobotany, ecology)
 M. Sc. ANDRZEJ DZIAMSKI, 1952 (anatomy, ecology, phytosociology)
 M. Sc. KRZYSZTOF GEŚIŃSKI, 1965 (geobotany, ecology)
 M. Sc. ELŻBIETA GONET, 1953 (soil ecology)
 Dr. MACIEJ KORCZYŃSKI, 1952 (synanthropic plant associations, urban ecology)
 Dr. EWA KRASICKA-KORCZYŃSKA, 1955 (agrophytocoenology)
 M. Sc. BOŻENA MARCINKIEWICZ, 1951 (plant protection)
 Dr. hab. JÓZEF MISIEWICZ, 1932 (geobotany)
 Dr. BOGNA PACZUSKA, 1961 (algology)
 M. Sc. ANNA K. SAWILSKA, 1961 (geobotany)
 Dr. KRYSZYNA STEPCZYŃSKA-SZYMCZAK, 1948 (agroecology)
- RESEARCH ● flora and vegetation of the Bydgoszcz Province
- LOAN ● not available at present
- EXCHANGE ● *available* – plants of the Bydgoszcz Province;
wanted – vascular plants of Central European mountains and highlands
- P & S WORKS ● *Zeszyty Naukowe Akademii Techniczno-Rolniczej*
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
 MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- BYTOM** ● *Upper Silesian Museum* (Muzeum Górnośląskie) – MGS
- ADDRESS ● Pl. Jana III Sobieskiego 2, 41–902 Bytom
 tel. (32) 81–82–94; tel./fax (32) 81–34–01
 e-mail: mgbytom@us.edu.pl
- FOUNDATION ● institution – 1927; herbarium – 1927
- SPECIMENS ● total 23.597 [vascular plants – 12.300; bryophytes – 9.730; fungi and myxomycetes – 421]

- GEOGR AREA ● local flora of the Upper Silesia and neighbouring territories (chiefly the Silesian Beskid and Cieszyn Foothills)
- IMPORT COLL ● E. DRESCHER (zooecidia and theratological collection)
- DIRECTOR ● M. Sc. MIECZYŚLAW DOBKOWSKI (archaeology)
- CURATOR ● M. Sc. ROLAND DOBOSZ, 1961 (zoology)
- LOAN ● limited
- EXCHANGE ● not carried
- CUR PROCED ● vascular plants in wooden cabinets; other collections in cardboard boxes
- P & S WORKS ● *Rocznik Muzeum Górnośląskiego w Bytomiu, Seria Przyroda (Annals of the Upper Silesian Museum in Bytom, Natural History); Annals of the Upper Silesian Museum in Bytom, Entomology*
- LIBRARY ● ca 45.000 volumes (ca 10.000 of them regards nature)
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
 MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
 SENDEK A. 1977. Zielnik Muzeum Górnośląskiego w Bytomiu. *Wiad. Bot.* **21**(1): 61–64.
 SENDEK A. 1980. Katalog roślin naczyniowych zielnika Muzeum Górnośląskiego. *Rocznik Muzeum Górnośląskiego w Bytomiu, Seria Przyroda* **9**: 5–52.
- CHRZANÓW** ● *Museum in Chrzanów* (Muzeum w Chrzanowie) – **CHRZ**
- ADDRESS ● ul. Mickiewicza 13, 32–500 Chrzanów
 tel. (35) 351–73
- FOUNDATION ● institution 1960; herbarium about 1866
- SPECIMENS ● total 7.909 [vascular plants – 7.543; spore plants and fungi 366]. Moreover, there is housed Herbarium of Documentation Centre for Physiography, Polish Academy of Sciences [vascular plants –

2.838; spore plants and fungi – 1.309] on permanent loan.

- GEOGR AREA ● mainly local flora
- DIRECTOR ● JERZY MOTYKA (history)
- CURATOR ● M. Sc. PIOTR GRZEGORZEK, 1955 (botany)
- RESEARCH ● local flora and its anthropogenic changes
- LOAN ● on the spot only
- CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in wooden boxes. Sheet size: 31 × 43,5 cm. Fungi, lichens, musci and liverworts – in envelopes.
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.
- DRAWNO** ● *Research Laboratory of the Drawa National Park* (Pracownia Naukowa Drawieńskiego Parku Narodowego) – **DRAPN**
- ADDRESS ● ul. Leśników 2A, 73–220 Drawno
tel. (95) 68–20–51; fax: (95) 68–25–10
- FOUNDATION ● Drawa National Park – 1990; herbarium – 1992
- SPECIMENS ● total 7.510 [vascular plants – 7.130; bryophytes – 313, lichens – 67]
- GEOGR AREA ● local collection (vascular plants, bryophytes and lichens from the Drawa National Park), some specimens from the Alps, Carpathians and N Europe
- DIRECTOR ● M. Sc. T. KOHUT
- CURATOR ● M. Sc. JOLANTA KUJAWA-PAWLACZYK, 1964 (geobotany, plant ecology, floristics)
- STAFF ● M. Sc. P. PAWLACZYK, 1966 (ecology, geobotany, nature protection)
- RESEARCH ● chorology of vascular plants, vegetation and plant population dynamics, forest ecology
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* and *wanted* – vascular plants from the Drawa National Park and its vicinity

CUR PROCED ● specimens are filed on herbarium sheets and stored in wooden holders in taxonomical order. Sheet size: 30 × 43 cm; bryophytes and lichens in envelopes in cardboard boxes.

DATA BASES ● data base of floristic records from the Drawa National Park

LIBRARY ● books – 1.123 volumes (Library of the Drawa National Park)

DROZDOWO ● *Museum of Nature* (Muzeum Przyrody) – **SMOK**

ADDRESS ● ul. Główna 38, 18–406 Drozdowo
tel. (86) 19–20–81

FOUNDATION ● institution – 1984; herbarium – 1985

SPECIMENS ● ca 4.500 sheets [vascular plants]

GEOGR AREA ● Łomża voivodship, mainly valleys of Narew and Biebrza rivers

DIRECTOR ● STANISŁAWA CHYL

CURATOR ● M. Sc. KRYSZYNA ZIELIŃSKA (horticulture)

RESEARCH ● taxonomy of genus *Rosa* and *Festuca*

LOAN ● to recognized botanical institutions

REMARKS ● herbarium SMOK transferred from Siedlce

LIBRARY ● ca 4.000 volumes

GDAŃSK ● *Department of Pharmaceutical Botany, Medical University of Gdańsk* (Katedra i Zakład Botaniki Farmaceutycznej, Akademia Medyczna) – **GDMA**

ADDRESS ● Al. Gen. J. Hallera 107, 80–416 Gdańsk-Wrzeszcz;
tel. (58) 41–80–11, ext. 217; fax: (58) 41–23–39
e-mail: pharmbot@eniacy.farmacja.amg.gda.pl

HOME PAGE ● <http://eniacy.farmacja.amg.gda.pl/farm/d3.htm>

FOUNDATION ● institution – 1946; herbarium – 1950

SPECIMENS ● about 32.000 [vascular plants – 31.700; bryophytes – 300]

GEOGR AREA ● regional collection from N Poland

- IMPORT COLL ● bryophytes of K. LUBLINER-MIANOWSKA, *Crataegus* of the Gdańsk region (ca 2.500)
- DIRECTOR ● Doc. Dr. J. RENATA OCHOCKA, 1951 (phytochemistry); e-mail: renata@eniac.farmacja.amg.gda.pl
- CURATOR ● Dr. MICHAŁ BULIŃSKI, 1953 (geobotany, floristics)
- STAFF ● M. Sc. TADEUSZ JELINOWSKI, 1932 (vascular plant flora of the Gdańsk region)
 M. Sc. IGOR KOSIŃSKI, 1963 (geobotany, ecology of plants); e-mail: gorkos@eniac.farmacja.amg.gda.pl
 M. Sc. KATARZYNA LESNER, 1972 (phytochemistry)
 Dr. KRYSZYNA SZMEJA, 1955 (vascular plant flora of N Poland, geobotany, ecology of plants); e-mail: krysia@eniac.farmacja.amg.gda.pl
 Dr. KRYSZYNA WIERCHOWSKA-RENKE, 1938 (phytochemistry)
- RESEARCH ● flora and vegetation of N Poland, chiefly of the Gdańsk region; medicinal plants – phytochemistry
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – vascular plants of N Poland; *wanted* – medicinal plants from any region of the world
- CUR PROCED ● specimens stored on herbarium sheets in cardboard boxes in holders or in cabinets in taxonomical order. Sheet size: 32 × 44 cm.
- LIBRARY ● Department of Pharmaceutical Botany – ca. 2.500 volumes
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- GDAŃSK** ● *Department of Plant Ecology and Nature Protection, Laboratory of Plant Taxonomy and Phytogeography, Gdańsk University (Katedra Ekologii Roślin i Ochrony Przyrody, Pracownia Taksonomii Roślin i Fitogeografii, Uniwersytet Gdański) – UGDA, UGDA-L, UGDA-B*
- ADDRESS ● Al. Legionów 9, 80–441 Gdańsk
 tel. (58) 41–03–60; tel./fax: (58) 41–20–16

- HOME PAGE ● <http://www.ocean.univ.gda.pl/~bgio/>
- FOUNDATION ● institution – 1967; herbarium – 1967
- SPECIMENS ● total ca 71.000 [phanerogams – 35.000 (including private herbarium of D. L. SZLACHETKO – see OTHER COLL); lichens – 28.000; lichenicolous fungi – 400; bryophytes – 7.000 (mostly *Sphagnum*)]
- GEOGR AREA ● regional collection of phanerogams and bryophytes (Gdańsk region, Wolin Island, Pomerania); worldwide collection of *Orchidaceae* and lichens
- IMPORT COLL ● H. PIOTROWSKA (Wolin Island, vascular plants); T. SULMA (lichens from the Czywczyn Mts., Ukraine); J. MIĄDLIKOWSKA (lichens from the Franz Joseph Land); Polish *Peltigeraceae*
- TYPES ● over 200 (*Orchidaceae* – ca 200; lichens and lichenicolous fungi – ca 20)
- DIRECTOR ● Prof. Dr. WIESŁAW FAŁTYNOWICZ
- CURATORS ● UGDA – Dr. hab. DARIUSZ L. SZLACHETKO, 1961 (*Orchidaceae* – worldwide, taxonomy, evolution, floristics)
UGDA-L – Prof. Dr. WIESŁAW FAŁTYNOWICZ, 1952 (lichenology – ecology and geography of lichens, bioindication)
UGDA-B – Dr. KRZYSZTOF GOS, 1962 (bryology – ecology of water and wetland mosses, especially *Sphagnum*)
- STAFF ● Dr. hab. JACEK HERBICH, 1944 (plant ecology, floristics)
Dr. MARIA HERBICHOWA, 1942 (plant ecology, floristics)
M. Sc. JOANNA JAROSIŃSKA, 1965 (palaeoecology)
Prof. Dr. MAŁGORZATA LATAŁOWA, 1949 (palynology)
Dr. RYSZARD MARKOWSKI, 1944 (plant ecology, floristics)
M. Sc. JOLANTA MIĄDLIKOWSKA, 1962 (lichenology – floristics, taxonomy of *Peltigeraceae*, taxonomy of lichenicolous fungi)

Dr. JOANNA PICIŃSKA-FAŁTYNOWICZ, 1956 (phyco-
logy)

Prof. Dr. HANNA PIOTROWSKA, 1925 (plant eco-
logy, phytosociology, floristics)

M. Sc. PIOTR RUTKOWSKI, 1969 (numerical taxo-
nomy of *Orchidaceae*)

Dr. hab. JÓZEF SZMEJA, 1953 (aquatic plants ecology)

M. Sc. KATARZYNA ŻÓŁKOŚ, 1969 (plant ecology)

- RESEARCH ● Flora and vegetation of N Poland, plant protection, ecology of aquatic plants, taxonomy of *Orchidaceae*, orchid floras (Cameroun, Central African Republic, Congo, French Guinee, French Polynesia, Gabon, Guyanas, Ivory Coast, Mesoamerica), fossil flora of northern Poland, aeropalynology, lichen taxonomy, ecology and geography, bioindication of air pollution, psammic algae
- LOAN ● to recognized botanical institutions
- EXCHANGE ● lichens from Poland (duplicates and exsiccata)
- CUR PROCED ● phanerogams filed in herbarium folders in boxes kept in taxonomical order. Sheet size: 27 × 42 cm. Bryophytes and lichens in envelopes in cardboard boxes in holders.
- P & S WORKS ● *Lichenes Poloniae Exsiccati*
- OTHER COLL ● in the Department is also stored D. L. SZLACHETKO private collection of *Orchidaceae*: herbarium with ca 4.000 sheets, including 200 type specimens, mostly from Ecuador, tropical Africa, New Caledonia; spirit collection with 1.500 samples representing ca 1.200 species, mostly from Thailand, New Caledonia and neotropics
- DATA BASES ● The following data bases are accessible on disks (excluding No. 4):
1. *Polish lichens and lichenicolous fungi*. Full list of lichens (Latin names, alphabetically) occurring in Poland with list of Latin synonyms.
 2. *Polish lichenological bibliography*. Bibliographical notes concerning the all Polish lichenological publications (ca 2.000).

3. *Bibliography of the Department of Plant Ecology and Nature Protection of the Gdańsk University.* About 700 bibliographical notes.

4. *Register of Polish lobelia lakes.* Full list of Polish lobelia lakes with their physical, chemical and geobotanical characteristics.

LIBRARY ● About 2.500 volumes in the Departments library and ca 20.000 volumes in private collections (eg. W. FAŁTYNOWICZ – ca 5.000 lichenological books, reprints and periodicals, H. PIOTROWSKA – ca 6.000 volumes, mostly floristic and geobotanical, D. L. SZLACHETKO – ca 3.000 volumes); ca 2.000 slides of phanerogams, lichens and non-lichenicolous fungi

LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

KATOWICE ● *Department of Plant Systematics, Faculty of Biology and Environmental Protection, University of Silesia* (Katedra Botaniki Systematycznej, Wydział Biologii i Ochrony Środowiska, Uniwersytet Śląski) – **KTU**

ADDRESS ● ul. Jagiellońska 28, 40–032 Katowice
tel. (32) 51–29–85; fax (Faculty): (32) 155–58–73

FOUNDATION ● institution – 1970; herbarium – 1972

SPECIMENS ● total ca 75.000 [vascular plants – 72.000, mosses and myxomycetes – 3.000]

GEOGR AREA ● Poland, Europe, Cuba

IMPORT COLL ● K. ROSTAŃSKI (European *Oenothera*, vascular plants from Europe and Cuba), L. BERNACKI (*Orchidaceae* of Poland), ABDUL NASSER AL GIFRI (vascular plants of Yemen), A. SENDEK (vascular plants from Upper Silesia), P. SZOTKOWSKI (vascular plants of Opole District), K. JEDRZEJKO (vascular plants of S Poland and the Near East); K. ROS-

- TAŃSKI, A. ROSTAŃSKI (vascular plants from S Russia and Ukraine)
- TYPES ● holotypes and iso(para)types of 30 *Oenothera* species described by P. GUTTE, G. HUDZIOK, V. JEHLIK, K. ROSTAŃSKI and A. SOLDANO
- DIRECTOR ● Prof. Dr. KRZYSZTOF ROSTAŃSKI, 1930 (vascular plant taxonomy – *Valerianaceae*, *Euphorbiaceae*, *Onagraceae* – *Oenothera*, *Ludwigia*)
- CURATORS ● Dr. LESZEK BERNACKI, 1958 (*Orchidaceae*, especially *Dactylorhiza*)
Dr. ADAM ROSTAŃSKI, 1959 (*Poaceae*, especially *Anthoxanthum*, *Leersia*)
- STAFF ● M. Sc. BARBARA FOJCIK, 1964 (mosses)
M. Sc. ANNA GAWRON, 1956 (floristics of Upper Silesia)
M. Sc. ELŻBIETA KRAWCZYK, 1948 (floristics of Upper Silesia)
M. Sc. TERESA NOWAK, 1965 (floristics of Upper Silesia)
Dr. SŁAWOMIR SOKÓŁ, 1954 (*Macromycetes* especially *Ganoderma*)
M. Sc. WALDEMAR SZENDERA, 1963 (*Rubus* in Silesia)
Dr. BARBARA TOKARSKA-GUZIŁ, 1959 (floristics of Upper Silesia)
Dr. ANDRZEJ URBISZ, 1963 (floristics of Upper Silesia)
M. Sc. ALINA URBISZ, 1965 (floristics of Upper Silesia)
- RESEARCH ● flora of the Upper Silesia, protected and threatened plants in Poland
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – flora of Poland; *wanted* – vascular plants and mosses from different regions of Europe
- CUR PROCED ● specimens stored on herbarium sheets in cardboard boxes in wooden or metal holders according to the Takhtajan system (down to orders) and alphabetical

for genera and species. Sheet size: 30 × 43 cm; bryophytes in envelopes.

- P & S WORKS ● *Acta Biologica Silesiana*
- OTHER COLL ● seed collection of *Oenothera* – 200 bags
- LIBRARY ● common property of the Faculty of Biology and Environmental Protection of the University of Silesia
- LITERATURE ● DOBOSZ R., BETLEJA J., LIS A. (ed.) 1993. Natural History Collections in Poland. *Annals of the Upper Silesian Museum in Bytom, Natural History* **13**: 1–115.
- HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
- MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

KIELCE ● *National Museum* (Muzeum Narodowe) – **KINM**

- ADDRESS ● pl. Zamkowy 1, 25–010 Kielce
tel. (41) 344–40–14
- FOUNDATION ● institution – 1908; herbarium – 1908
- SPECIMENS ● total 2.149 [vascular plants – 1.595; bryophytes – 155; lichens – 399]
- IMPORT COLL ● mosses of the Zakopane region collected by A. ŻMUDA in 1910; 120 specimens of *Rosa* collected by K. KAZNOWSKI in 1931 in the vicinity of Kielce
- GEOGR AREA ● local collection
- DIRECTOR ● M. Sc. ALOJZY OBORNY (palaeozoology)
- CURATOR ● M. Sc. PAWEŁ KRÓL
- RESEARCH ● flora of the Kielce region
- LOAN ● not available at present
- EXCHANGE ● not carried
- CUR PROCED ● vascular plants on herbarium sheets (A₃) stored in cardboard boxes; mosses and lichens in foil bags (A₅)
- P & S WORKS ● *Rocznik Muzeum Narodowego w Kielcach*
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

KIELCE ● *Department of Botany, Institute of Biology, J. Kochanowski Pedagogical University (Zakład Botaniki, Instytut Biologii, Wyższa Szkoła Pedagogiczna im. J. Kochanowskiego) – KTC*

ADDRESS ● ul. M. Konopnickiej 15, 25–406 Kielce
tel. (41) 332–37–33; fax: (41) 368–66–42

FOUNDATION ● institution – 1973; herbarium – 1975

SPECIMENS ● total – 21.350 [vascular plants – 7.000; lichens – 12.000; fungi – 1.500; algae – 850]

GEOGR AREA ● local collection (vascular plants), Poland (lichens)

IMPORT COLL ● lichens of the Białowieża Forest

DIRECTOR ● Prof. Dr. STANISŁAW CIEŚLIŃSKI

CURATORS ● lichens – Prof. Dr. STANISŁAW CIEŚLIŃSKI, 1935 (lichens of Central and NE Poland)
vascular plants – Dr. EDWARD BRÓŻ, 1940 (vascular plants, floristics, geobotany)
fungi – Dr. JANUSZ ŁUSZCZYŃSKI, 1956 (macrofungi of the Góry Świętokrzyskie Mts region; clavarioid fungi of Poland)
algae – M. Sc. JOANNA CZERWIK-MARCINKOWSKA, 1969 (taxonomy and ecology of green algae)

STAFF ● Dr. MAŁGORZATA JANKOWSKA-BŁASZCZUK, 1957 (plant ecology, seed banks)
Dr. BOŻENA ŁUSZCZYŃSKA, 1958 (xerothermic grasslands)
Dr. BOŻENA MACIEJCZAK, 1944 (synanthropic vascular plants)
Dr. ANDRZEJ MASSALSKI, 1942 (plant morphology, electron microscopy)
Prof. Dr. TERESA MROZIŃSKA-BRODA, 1931 (taxonomy and ecology of green algae, particularly *Oedogonium*)
Dr. ALOJZY PRZEMYSKI, 1955 (floristics, geobotany)
Dr. KRZYSZTOF TOBOROWICZ, 1944 (lichenology, floristics, phytosociology)

RESEARCH ● native and anthropogenic plant cover

- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – vascular plants and lichens from the Kielce region; *wanted* – lichens from Central Europe
- CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in cardboard boxes. Sheet size: 30 × 42 cm. Lichens in envelopes 14 × 10 cm in cardboard boxes; fungi in envelopes, on herbarium sheets stored in cardboard boxes. Algae – water proofed fixation 4% formalin or dried.
- LIBRARY ● 10.300 volumes
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- KÓRNIK** ● *Institute of Dendrology, Polish Academy of Sciences* (Instytut Dendrologii, Polska Akademia Nauk) – **KOR**
- ADDRESS ● ul. Parkowa 5, 62–035 Kórnik
tel. (61) 17–00–33; fax: (61) 17–01–66;
e-mail: idkornik@pocz1v.tup.edu.pl and
idkornik@pocz1v.put.poznan.pl
- FOUNDATION ● institution – 1925 (since 1952 in the Polish Academy of Sciences); herbarium – 1952
- SPECIMENS ● 68.000 [trees and shrubs only]
- GEOGR AREA ● Centre Europe, especially Poland, E Mediterranean region, SW Asia
- IMPORT COLL ● trees and shrubs from SW Asia and Greece, *Rubus* (Poland), *Ribes* (E. JANCZEWSKI)
- TYPES ● several types of *Rubus* and *Salix*
- DIRECTOR ● Prof. Dr. TADEUSZ PRZYBYLSKI, 1929 (plant ecology)
- CURATOR ● Prof. Dr. JERZY ZIELIŃSKI, 1943 (taxonomy and geography of woody plants – *Rosa*, *Rubus*, *Cra-*

taegus, *Salix*; woody flora of SW Asia and E Mediterranean region)

- STAFF ● Dr. TOMASZ BOJARCZUK, 1942 (arboretum – cultivated, ornamental woody plants)
 Dr. KRYSZYNA BORATYŃSKA, 1950 (geography of trees and shrubs, caryology of Polish woody plants)
 Doc. Dr. ADAM BORATYŃSKI, 1948 (geography, ecology and variability of woody plants, trees and shrubs of the Sudety Mts)
 Prof. Dr. KAZIMIERZ BROWICZ, 1925 (taxonomy and geography of woody plants)
 Prof. Dr. WŁADYSŁAW BUGAŁA, 1924 (taxonomy and geography of *Populus*, selection and acclimatization of trees and shrubs)
 Dr. MACIEJ FILIPIAK, 1960 (variability of woody plants – *Abies*, *Larix*, *Pinus*, *Quercus*)
 M. Sc. PIOTR KOSIŃSKI, 1968 (geography and ecology of woody plants)
 M. Sc. ANNA TOMLIK-WYREMBLEWSKA, 1962 (paleontology and carpology of trees and shrubs)
- RESEARCH ● taxonomy and geography of woody plants of Poland, SW Asia and E Mediterranean region; introduction and acclimatization of foreign trees and shrubs
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – Polish trees and shrubs, cultivated plants; *wanted* – trees and shrubs from Greece, SW Asia, northern America, temperate Asia
- CUR PROCED ● specimens mounted on herbarium sheets and stored in woody cabinets in alphabetical order. Sheet size: 31 × 46 cm.
- P & S WORKS ● *Arboretum Kórnickie; Atlas of Distribution of Trees and Shrubs in Poland* (completed); *Chorology of Trees and Shrubs in South-West Asia and Adjacent Regions*; *Nasze Drzewa Leśne – Monografie Popularnonaukowe*
- OTHER COLL ● cones, fruits, wood samples (Dendrological Museum)

- BOT GARDEN** ● Kórnik Arboretum – ca 55 ha
- LIBRARY** ● 42.777 volumes [books and booklets – 24.679; periodicals 16.531, maps and slides – 1.567]
- LITERATURE** ● BUGAŁA W., BOJARCZUK T., DOLATOWSKI J. 1990. Arboretum Kórnickie. Przewodnik. 141 pp. PWN, Poznań.
- BUGAŁA W. 1993. The role of the Kórnik Arboretum in the development of Polish dendrology. In: ZEMANEK A., ZEMANEK B (eds.), Studies on the history of botanical gardens and arboreta in Poland. *Poish. Bot. Stud. Guidebook Series 9*: 137–146.
- HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile 120*: 1–693.
- KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. 35 pp. Jagiellonian University and the Polish Academy of Sciences (Cracow Centre). Cracow
- MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- KRAKÓW** ● *Academy of Agriculture, Department of Forest Pathology* (Akademia Rolnicza, Katedra Fitopatologii Leśnej) – **HMIPC**
- ADDRESS** ● Al. 29-Listopada 46, 31–425 Kraków
tel. (12) 11–91–44
- FOUNDATION** ● institution – 1964; herbarium – 1955
- SPECIMENS** ● ca 16.000 [fungi]
- GEOGR AREA** ● regional collection (chiefly *Aphyllophorales* from various regions of Poland, some specimens from Europe and North America; *Ascomycotina* and *Deuteromycotina* from Poland)
- IMPORT COLL** ● S. DOMAŃSKI (*Aphyllophorales*), T. KOWALSKI (*Ascomycotina* and *Deuteromycotina*)
- TYPES** ● type specimens of *Dentipratulum bialoviesense* Domański, *Pleurotus vetlinianus* Domański, *Cryptosporiosis radicularis* Kowalski & Bartnik
- DIR & CUR** ● Prof. Dr. STEFAN KOWALSKI, 1940 (mycorrhiza, soil fungi, phytopathology)

- STAFF ● Dr. CZESŁAW BARTNIK, 1956 (phytopathology)
 Doc. Dr hab. TADEUSZ KOWALSKI, 1950 (phytopathology, taxonomy and distribution – *Ascomycotina*, *Deuteromycotina*)
 M. Sc. Eng. WALDEMAR SADŁOWSKI (phytopathology)
 Dr. HANNA STĘPNIEWSKA, 1961 (phytopathology)
- RESEARCH ● phytopathology, taxonomy of *Ascomycotina* and *Deuteromycotina*, soil fungi, mycorrhiza
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – *Basidiomycotina*, *Aphyllophorales* (pathogenic and saprophytic) and *Ascomycotina*, *Deuteromycotina* (pathogenic and saprophytic) from Poland; *wanted* – the same taxonomic groups from Europe, N America and former USSR
- CUR PROCED ● in envelopes, stored in cardboard boxes
- P & S WORKS ● *Acta Agraria et Silvestria*; *Zeszyty Naukowe Akademii Rolniczej*
- OTHER COLL ● living culture of fungi
- DATA BASES ● data file, on the spot only
- LIBRARY ● ca 1.600 volumes of books and ca 3.000 reprints
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.
- KRAKÓW** ● *Institute of Botany, Jagiellonian University* (Instytut Botaniki, Uniwersytet Jagielloński) – **KRA**, **KRA-B**, **KRA-F**, **KRA-L**
- ADDRESS ● ul. Lubicz 46, 31–512 Kraków
 tel. (12) 21–51–44 ext. 286; fax. (12) 23–09–49
- HOME PAGE ● <http://www.uj.edu.pl/cgi-bin/lang-en-std-none/uj-guide/botany.html>
- FOUNDATION ● institution – 1913; herbarium – 1780
- SPECIMENS ● total 305.000 [vascular plants (KRA) – 240.000; bryophytes (KRA-B) – 15.400 on permanent loan in KRAM-B; lichens (KRA-L) – 20.000; fungi and myxomycetes (KRA-F) – 30.500]
- GEOGR AREA ● world-wide collection, all taxonomical groups

IMPORT COLL ● vascular plants – A. ANDRZEJOWSKI, F. BERDAU, W. BESSER, H. BŁASZCZYK, R. F. HOHENACKER (*Herbarium normale plantarum officinarum et mercatorium*), W. JASTRZĘBOWSKI, K. JELSKI (S. America 5.000, type material), J. KORNAŚ and A. MEDWECKA-KORNAŚ (tropical Africa 20.000), B. PAWŁOWSKI (Central European mountains); M. RACIBORSKI (Java 5.000), A. REHMAN, J. ROSTAFIŃSKI, A. ŚLENDZIŃSKI, A. STARZEŃSKI (E Africa 10.000), J. ROHLENA (*Plantae balcanicae – montenegrinae*), F. SENNEN (Spain), J. WALAS, A. ŻMUDA; bryophytes – F. W. HÜBNER (*Moostaschenherbarium der Umgegend Dresden*), J. KORNAŚ, B. SZAFRAN, A. ŻMUDA (Poland), M. RACIBORSKI (Java), M. OLECH (Antarctica, Spitzbergen), G. L. RABENHORST (*Bryotheca europaea, Hepaticae europaea, Cryptogamae vasculares europaea*), E. BAUER (*Musci Europaei Exsiccati*); fungi – B. EICHLER, J. KRUPA, G. L. RABENHORST (*Herbarium vivum mycologicum*), M. RACIBORSKI (Java, microfungi, type material), K. ROUPPERT, A. WRÓBLEWSKI, A. ZALEWSKI; lichens and lichenicolous fungi – M. OLECH (Antarctica, Spitzbergen), G. L. RABENHORST (*Lichenes europaei exsiccati, Cladoniae europaea*); algae – S. F. O. NORDSTEDT and A. C. H. BRAUN (*Die Characeen Europas*), G. L. RABENHORST (*Die Bacillarien Sachsen, Die Algen Sachsen, Die Characeen Europas*), G. L. RABENHORST and G. M. MARTENS (*Algae marinae exsiccatae*), P. V. TITIUS (algae), L. J. WAHLSTEDT (*Characeae scandinaviae exsiccatae*).

There are preserved also two historical herbaria of 18th century. The first is a book of 27 sheets (24,5 × 40 cm) with 172 specimens of plants labelled with pre-Linnean latin names. It was made by an unknown author after 1700. The second herbarium consists of four unified folio volumes (32 × 44,5 cm). The volume 1 includes 104 sheets, vol. 2 – 98, vol. 3 – 100, vol. 4 – 104 sheets and the herbarium contains 383 species of plants. After the

title page the owner of the herbarium was ANDRZEJ BADURSKI (1740–1789), lecturer of medicine at Cracow University, educated at the University of Bologna. The herbarium was probably made under the supervision of GAETANO LORENZO MONTI (1712–1797), professor of medical botany at Bologna University.

- TYPES ● many types of flowering plants, pteridophytes and fungi including M. RACIBORSKI'S collection from Malesia; lichens and lichenicolous fungi from Arctica and Antarctica
- DIRECTOR ● Prof. Dr. ADAM ZAJĄC, 1940 (origin of European archeophytes, vascular plant geography and taxonomy, distribution of vascular plants in Poland, *Cerastium* in Poland)
- CURATORS ● KRA (vascular plants) – Dr. hab. EUGENIUSZ DUBIEL, 1939 (floristics, vascular plants)
 KRA-B, KRA-L (bryophytes and lichens) – Prof. Dr. MARIA OLECH, 1941 (lichens, lichenicolous fungi and mosses of Spitsbergen and Antarctica, lichen vegetation of the Tatra Mts, human impact on the flora of lichens in Poland)
 KRA-F (fungi) – Prof. Dr. BARBARA GUMIŃSKA, 1924 (macrofungi of the Pieniny Mts, Western Carpathians)
 myxomycetes – Dr. ANNA DROZDOWICZ, 1951 (myxomycetes of S Poland)
- STAFF ● M. Sc. WAĆŁAW BARTOSZEK, 1971 (floristics, vascular plants)
 Prof. Dr. ZBIGNIEW DZWONKO, 1947 (ecology, forest vegetation, succession, numerical methods, ecology)
 Dr. hab. KRYSZYNA HARMATA, 1944 (palaeobotany, palynotaxonomy of *Symphytum*)
 M. Sc. MAREK KOSIŃSKI, 1967 (plant communities ecology)
 Dr. hab. MAŁGORZATA KOTAŃSKA, 1940 (ecology of vascular plants)

Dr. hab. STEFANIA LOSTER, 1945 (floristics, ecology of vascular plants)

M. Sc. MAŁGORZATA MATYJASZKIEWICZ, 1954 (*Epipactis* in Poland)

Prof. Dr. ANNA MEDWECKA-KORNAŚ, 1923 (ecology of vascular plants, phytosociology – chiefly forest vegetation of Europe, nature protection)

Dr. MARTA MIERZEŃSKA, 1960 (liverworts of S Poland)

Doc. Dr. ANNA PACYNA, 1940 (flora and vegetation of Mongolian Khangaj Mts, *Lycopodiaceae* s.l. in Poland)

Dr. ALINA STACHURSKA, 1968 (floristics, community ecology)

Dr. ANNA STENGL, 1943 (*Amaranthus* in Poland, floristics)

Dr. LUCYNA ŚLIWA, 1964 (lichens of Poland)

Dr. hab. KRYSZYNA TOWPASZ, 1943 (ecology of vascular plants, phytosociology, floristics)

Prof. Dr. HELENA TRZCIŃSKA-TACIK, 1936 (ecology of vascular plants, synanthropic flora of Poland)

Dr. hab. KATARZYNA TURNAU, 1954 (mycology, air pollution)

M. Sc. MACIEJ WAYDA, 1967 (floristics, vascular plants)

Dr. hab. MARIA ZAJĄC, 1955 (chorology, geobotany, distribution of vascular plants in Poland)

Dr. URSZULA ZAJĄC, 1940 (vascular plant geography and taxonomy, genus *Bromus* in Poland)

Dr. hab. DANUTA ZDEBSKA, 1946 (Devonian floras; evolutionary differentiation of plants)

RESEARCH ● flora and vegetation of Poland (all groups), chorology of vascular plants (ATPOL), palaeobotany, palynotaxonomy, ecology, pteridophytes of Africa, flora and vegetation of Mongolian mountains, mycology, history of botany

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – European plants, especially from Po-

land, *wanted* – plants from the Holarctic and tropical Africa

- CUR PROCED** ● specimens of vascular plants are mounted on herbarium sheets and stored in wooden boxes in metal holders in taxonomical order; bryophytes and fungi are filed in envelopes on herbarium sheets in wooden boxes in metal holders in alphabetical order; lichens are filed in envelopes and stored in cardboard boxes in metal cabinets in alphabetical order. Sheet size: 31 × 44 cm (vascular plants, fungi); 31,5 × 48 cm (bryophytes). Envelopes and boxes size respectively: 12 × 16 cm, 16 × 18 × 48 cm (lichens); myxomycetes in small paper boxes in cardboard boxes of size 35 × 50 cm.
- P & S WORKS** ● *Zeszyty Naukowe Uniwersytetu Jagiellońskiego, Prace Botaniczne; Planta Poloniae Exsiccatae; Pteridophyta Poloniae Exsiccata; Index Seminum quae Hortus Botanicus Universitatis Jagellonicae Cracoviensis pro mutua commutatione offert*
- DATA BASES** ● The first part of base and cartograms of protected vascular plants occurring in Poland is now available through Internet. The second part should be prepared up to the end of 1997.
<http://www.uj.edu.pl/IB/CHRONPOL/index.html>
- BOT GARDEN** ● Botanic Garden of the Jagiellonian University, ul. Kopernika 27, 31–501 Kraków; tel. (12) 21–02–77
- DIRECTOR** ● Dr. hab. BOGDAN ZEMANEK, 1947 (phytogeography, floristics – vascular plants, vascular flora of the Polish Eastern Carpathians)
- STAFF** ● Dr. PIOTR KÖHLER, 1962 (history of botany)
Dr. MARIA LANKOSZ-MRÓZ, 1951 (cytotaxonomy of *Tripleurospermum*)
Dr. JÓZEF MITKA, 1956 (ecology of vascular plants)
Dr. hab. DANUTA TUMIDAJOWICZ, 1936 (ecology of vascular plants)
- MUSEUM** ● *The J. Dyakowska Botanical Museum and History of Botany Research Unit (Muzeum Botaniczne i Pracownia Historii Botaniki im. J. Dyakowskiej),*

[associated with the Botanical Garden], ul. Kopernika 27, 31–501 Kraków; tel. (12) 21–02–77 ext. 36 or 58

- CURATOR ● Dr. hab. ALICJA ZEMANEK, 1949 (history of botany)
- SPECIMENS ● botanical – 4.500 [K. JELSKI (S America), J. KORNAŚ and A. MEDWECKA-KORNAŚ (Africa), M. RACIBORSKI (Java), L. STUCHLIK (Cuba), K. SZCZEPANEK (Africa), B. ZEMANEK (Africa)]
 palaeobotanical – 1.000 (M. RACIBORSKI, F. TONDERA); add educational appliances – 91; archives – 690 units, 4.300 photographs, 200 others
- LIBRARY ● ca 158.700 volumes [books and booklets 118.024, periodicals 33.672, maps and slides ca 7.000] – common property of the W. Szafer Institute of Botany, Polish Academy of Sciences and the Institute of Botany, Jagiellonian University
- LITERATURE ● DUBIEL E. 1994. Materiały zielnikowe dra Rudolfa Wilczka z I Polskiej Wyprawy na Grenlandię w 1937 roku w zbiorach Instytutu Botaniki Uniwersytetu Jagiellońskiego. *Wiad. Bot.* **38**(1/2): 172–173.
- HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
- KÖHLER P. S. 1989. The Javanese *Pteridophyta* collected by Marian Raciborski housed in the herbarium of the Jagiellonian University (KRA). *Zeszyty Naukowe Uniwersytetu Jagiellońskiego* 926, *Prace Botaniczne* **18**: 127–133.
- KÖHLER P. S. 1990. Marian Raciborski's Malesian *Pteridophyta* in KRA. *Taxon* **39**(2): 229.
- KÖHLER P. S. 1990. Zbiory dendrologiczne dawnego Krakowskiego Muzeum Techniczno-Przemysłowego w Muzeum Ogrodu Botanicznego Uniwersytetu Jagiellońskiego. (The dendrological collection of the former Cracow Technical-Industrial Museum in the Museum of the Jagiellonian University Botanic Garden). *Wiad. Bot.* **34**(4): 70–72.
- KÖHLER P. 1991. Dziewiętnastowieczne pomoce naukowe w zbiorach Muzeum Ogrodu Botanicznego Uniwersytetu Jagiellońskiego. (The 19th century educational

appliances in the Museum of the Jagiellonian University Botanic Garden). *Wiad. Bot.* **35**(3/4): 96–99.

KÖHLER P. 1991. Najstarsze zbiory Muzeum Ogrodu Botanicznego Uniwersytetu Jagiellońskiego. (The oldest collections in the Museum of the Jagiellonian University Botanic Garden). *Wiad. Bot.* **35**(1): 74–78.

KÖHLER P. S. 1991. The Malesian pteridophytes of Raciborski. *The Fern Gazette* **14**(2): 50.

KÖHLER P. 1994. Zielniki botaników ośrodka wileńskiego z lat 1780–1840 w Kijowie, Krakowie i Wilnie. [Herbariums of Botanists from Vilnius Centre in the Years 1780–1840 (Remained in Kiev, Cracow and Vilnius)]. *Kwartalnik Hist. Nauki Techn.* **39**(1): 109–116.

KÖHLER P. S., ZEMANEK A. 1989. Zbiory Mariana Raciborskiego w Muzeum Ogrodu Botanicznego Uniwersytetu Jagiellońskiego. (The Marian Raciborski's collection in the Museum of the Jagiellonian University Botanic Garden). *Zesz. Nauk. Uniw. Jagiellon., Prace Bot.* **18**: 135–148.

KÖHLER P., ZEMANEK A. 1995. Instytut Botaniki Uniwersytetu Jagiellońskiego. Informator. ss. 62. Nakł. Instytutu Botaniki UJ, Kraków.

KORNAŚ J. 1984. Type material for Marian Raciborski's Names of Malesian Pteridophytes at the Herbarium Universitatis Jagiellonicae Cracoviensis. *Taxon* **33**(4): 752–755.

KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. Published by the Jagiellonian University and the Polish Academy of Sciences (Cracow Centre), Cracow, pp. 35.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**:1–73.

PIEKIELKO A. 1981. Dwa osiemnastowieczne zielniki ze zbiorów Instytutu Botaniki UJ. pp. 194. Zakł. Nar. Osolińskich, Wrocław-Gdańsk.

PIEKIELKO-ZEMANEK A. 1985. Zbiory muzealne Ogrodu Botanicznego Uniwersytetu Jagiellońskiego w Krakowie. *Wiad. Bot.* **29**(1): 59–68.

TACIK T. 1954. Zbiory afrykańskie Adama Starzeńskiego. *Fragm. Flor. Geobot.* **2**(1): 182–183.

ZEMANEK A. 1989. Historia botaniki w Uniwersytecie Jagiellońskim (History of Botany at the Jagiellonian

University) (1780–1917). *Rozprawy habilitacyjne, Uniwersytet Jagielloński* **164**: 1–165.

ZEMANEK A., ZEMANEK B. (eds) 1993. Studies on the history of botanical gardens and arboreta in Poland. *Polish Bot. Stud. Guidebook Series* **9**: 1–154.

ZEMANEK A., ZEMANEK B. 1996. Ogród Botaniczny Uniwersytetu Jagiellońskiego w Krakowie (Jagiellonian University Botanic Garden in Cracow). pp. 89. Universitas, Kraków.

KRAKÓW ● *W. Szafer Institute of Botany, Polish Academy of Sciences* (Instytut Botaniki im. W. Szafera, Polska Akademia Nauk) – **KRAM, KRAM-A, KRAM-B, KRAM-BP, KRAM-F, KRAM-L, KRAM-P**

ADDRESS ● ul. Lubicz 46, 31–512 Kraków
tel. (12) 21–51–44; fax: (12) 21–97–90

HOME PAGE ● <http://botan.ib-pan.krakow.pl/>

FOUNDATION ● institution – 1953; herbarium – about 1867

SPECIMENS ● total ca 638.805 [vascular plants (KRAM) – 413.000 (including herbarium of B. PAWŁOWSKI 40.000, J. MAŁAŁSKI 30.000 and several hundred of type specimens); bryophytes (KRAM-B) – 133.560 including 13.600 specimens on permanent loan from KRA; fungi and myxomycetes (KRAM-F) – 40.870; lichens (KRAM-L) – 43.500; algae (KRAM-A) – 1.812 slides of fossil and 600 of recent diatoms and 2.041 taxa dried specimens (preserved samples – 3.400, including 500 types of *Oedogoniales*); palaeobotanical collection KRAM-P) – for further information see OTHER COLL]

GEOGR AREA ● world-wide collection, all groups with emphasis on holarctic plants and mountain flora of Europe

IMPORT COLL ● KRAM (vascular plants) – several hundred of types; A. ANDRZEJOWSKI (Ukraine) E. JANCZEWSKI (*Ribes*, plants of Wolhynia), B. KOTULA (Carpathian Mts, Tirolian Alps – over 25.000), A. JASIEWICZ (Balkan Peninsula, Mexico, China, Carpathian Mts), L. STUCHLIK (Cuba), B. PAWŁOWSKI

(Carpathian Mts, Alps, Balkan Peninsula, many types of *Alchemilla*), T. WILCZYŃSKI (about 10.000 from Podolia and Wolhynia), A. ŚLEŃDZIŃSKI (Pokutia), J. MAŁAŁSKI, A. REHMAN, W. SZAFER, F. KARO, E. WOŁOSZCZAK, H. ZAPAŁOWICZ, A. ŻMUDA; KRAM-L – ca 100 types; U. BIELCZYK (Polish Carpathian Mts), S. CIEŚLIŃSKI, W. FAŁTYNOWICZ, L. OLESIŃSKI (N Poland), K. GLANC (Polish Carpathian Mts), W. BOBERSKI, J. BYSTREK, K. CZYŻEWSKA, K. GLANC, B. GODZIK, M. KUC, A. ŚRODOŃ, K. GRODZIŃSKA (Spitsbergen), J. KISZKA (S Poland), B. LYNGE, J. MOTYKA, J. NOWAK, (Poland, Bulgaria, *Verrucariaceae*, *Physciaceae*), R. OCHYRA (Antarctica), A. REHMAN, T. SULMA, Z. TOBOLEWSKI, J. MAŁAŁSKI, M. ZIELIŃSKA; worldwide collection of *Trapa*, *Betula*, *Fagus*, *Picea* and *Pinus*; KRAM-B – about 400 types; A. ŻMUDA, M. KUC (Poland, Spitsbergen), B. SZAFRAN, R. OCHYRA (Antarctica, Poland), F. LILIENFELD, J. KRUPA, A. REHMAN, S. LISOWSKI (Africa, Asia, Europe), T. POCS (East Africa); KRAM-F – E. JANCZEWSKI, J. KRUPA. K. ROUPPERT, W. STEC-ROUPPERTOWA, B. NAMYSŁOWSKI, A. WRÓBLEWSKI, W. and J. ZABŁOCKI, W. WOJEWODA (*Heterobasidiomycetes* from Poland, Korean macrofungi), T. MAJEWSKI; KRAM-A – T. MROZIŃSKA (40 types of *Oedogoniales*), KRAM-P – 73 types of fossil plants.

There are also housed herbaria of historical value: J. E. GILIBERT (18th century) and J. JUNDZIEL (18th century), S. UDZIELA (19/20th century).

- TYPES ● total over 1.400 [vascular plants – ca 700; bryophytes – ca 500; lichens – ca 100; algae – 74; see also OTHER COLL]
- DIRECTOR ● Prof. Dr. LEON STUHLIK, 1931 (palynotaxonomy – *Polemoniaceae*, Tertiary floras); e-mail: stuchlik@ib-pan.krakow.pl
- CURATORS ● KRAM (vascular plants) – Doc. Dr. ZBIGNIEW MIREK, 1951 (Flora of Poland and iconography of Polish flora, monography of *Camelina*, biosystema-

tics of *Veronica*, *Barbarea*, *Glyceria*, *Cardaminopsis*, *Symphytum*, synanthropic flora of the Carpathian Mts, steppe flora and vegetation of Poland, history of botany); e-mail: mirek@ib-pan.krakow.pl

KRAM-A – Dr. KONRAD WOŁOWSKI, 1952 (taxonomy, ecology and biogeography of euglenophytes, distribution of freshwater algae in Poland); e-mail: wolowski@ib-pan.krakow.pl

KRAM-B – Dr. HALINA BEDNAREK-OCHYRA, 1959 (glacial relicts in Polish mosses, montane mosses in lowland of Poland, botanical illustrations); e-mail: bednarek@ib-pan.krakow.pl

KRAM-F – Prof. Dr. WŁADYSŁAW WOJEWODA, 1932 (macrofungi of S. Poland, *Heterobasidiomycetes* of Central Europe); e-mail: wojewoda@ib-pan.krakow.pl

KRAM-L – Dr. URSZULA BIELCZYK, 1947 (chorology of Polish lichens, communities of epiphytic lichens in the Carpathian Mts); e-mail: bielczyk@ib-pan.krakow.pl

KRAM-P – Doc. Dr. EWA ZASTAWNIAK, 1941 (Tertiary floras of the Antarctica and Central Europe); e-mail: zastaw@ib-pan.krakow.pl

STAFF ● M. Sc. ALDONA BIENIEK, 1972 (palaeoethnobotany); e-mail: bieniek@ib-pan.krakow.pl

Dr. ANDRZEJ CHLEBICKI, 1949 (mycology – *Pyrenomycetes* of the Polish national parks, botanical illustrations); address: ul. Podwale 75, 50–449 Wrocław; tel. (71) 44–50–55; fax: (71) 44–61–35; e-mail: panflo@pwr.wroc.pl

M. Sc. ELŻBIETA CIEŚLAK, 1969 (taxonomy of *Caltha*); e-mail: cieslak@ib-pan.krakow.pl

Prof. Dr. KRYSZYNA FALIŃSKA, 1932 (plant ecology); address: ul. Sportowa 19, 17–230 Białowieża; tel. (835) 125–48; fax: (835) 124–79

Doc. Dr. LUDWIK FREY, 1942 (cytotaxonomy and chorology of grasses in Poland – *Avena*, *Avenula*, *Deschampsia*, *Koeleria*, *Trisetum*); e-mail: frey@ib-pan.krakow.pl

- Dr. BARBARA GODZIK, 1953 (urban ecology); e-mail: godzik@ib-pan.krakow.pl
- M. Sc. WOJCIECH GRANOSZEWSKI, 1961 (palaeobotany); e-mail: grano@ib-pan.krakow.pl
- Prof. Dr. KRYSZYNA GRODZIŃSKA, 1934 (urban ecology); e-mail: grodzin@ib-pan.krakow.pl
- M. Sc. JANUSZ GUZIK, 1937 (synanthropic plants)
- Dr. ZOFIA HEINRICH (macrofungi, *Hypholoma*)
- M. Sc. JADWIGA ICHAS, 1961 (Mesozoic microfossils)
- Dr. HALINA KOMOROWSKA, 1951 (mycology – *Tricholomataceae* of Poland, myxomycetes of S Poland); e-mail: komoro@ib-pan.krakow.pl
- M. Sc. URSZULA KORZENIAK, 1958 (plant ecology); e-mail: korzenia@ib-pan.krakow.pl
- M. Sc. ELŻBIETA LURANIEC, 1957 (Mesozoic microfossils)
- Prof. Dr. KAZIMIERA MAMAKOWA, 1930 (pleistocene flora); e-mail: mamakowa@ib-pan.krakow.pl
- M. Sc. MARIA MANDECKA, 1966 (taxonomy of *Sanguisorba*); e-mail: mandecka@ib-pan.krakow.pl
- Doc. Dr. MARTA MIZIANTY, 1946 (cytotaxonomy of *Dactylis* in Central Europe); e-mail: mizianty@ib-pan.krakow.pl
- M. Sc. LUCYNA MUSIAŁ, 1958 (biosystematics and ecology of the *Solidago virgaurea-alpestris* complex); e-mail: mirek@ib-pan.krakow.pl
- Dr. DOROTA NALEPKA, 1955 (palaeobotany); e-mail: nalepka@ib-pan.krakow.pl
- Prof. Dr. JANUSZ NOWAK, 1930 (lichenology, taxonomy)
- Dr. ANDRZEJ OBIDOWICZ, 1941 (palaeobotany); e-mail: obidow@ib-pan.krakow.pl
- Prof. Dr. RYSZARD OCHYRA, 1949 (Antarctic bryophytes, Polish mosses – taxonomy and distribution, *Amblystegiaceae* of the world, moss flora of East Africa); e-mail: ochyra@ib-pan.krakow.pl
- M. Sc. WOJCIECH PAUL, 1966 (vascular plants, taxonomy, floristics); e-mail: paul@ib-pan.krakow.pl

Prof. Dr. MAGDALENA RALSKA-JASIEWICZOWA, 1934 (palaeobotany); e-mail: ralsjas@ib-pan.krakow.pl

Prof. Dr. JADWIGA SIEMIŃSKA, 1922 (flora of algae in Poland, Polish phycological bibliography, index of Latin names of algal flora in Poland, taxonomy and chorology of algae – diatoms, *Rhodophyceae*)

Prof. Dr. JERZY STASZKIEWICZ, 1929 (taxonomy of vascular plants – *Euphrasia*, *Picea*, *Pinus*, *Trapa* and *Dendranthema*, geobotany)

M. Sc. MAGDALENA SZCZEPANIAK (variability of *Elymus repens*); e-mail: mszczep@ib-pan.krakow.pl

M. Sc. ZBIGNIEW SZELAG (taxonomy of *Hieracium*, *Potentilla*, geobotany); e-mail: szelag@ib-pan.krakow.pl

Prof. Dr. KRYSZYNA WASYLIKOWA, 1932 (palaeo-ethnobotany); e-mail: wasylik@ib-pan.krakow.pl

M. Sc. AGATA WOJTAL, 1967 (diatom flora of streams in the Jurassic Landscape Park), e-mail: wojtal@ib-pan.krakow.pl

Dr. JERZY WOLEK, 1948 (plant ecology); e-mail: wolek@ib-pan.krakow.pl

M. Sc. GRZEGORZ WOROBIEC, 1968 (Tertiary flora); e-mail: worobiec@ib-pan.krakow.pl

Dr. JAN J. WÓJCICKI, 1950 (taxonomy and hybridization of vascular plants – *Trapa*, European *Prunus* sec. *Cerasus*, *Cardamine*); e-mail: wojcicki@ib-pan.krakow.pl

Prof. Dr. KAZIMIERZ ZARZYCKI, 1930 (ecology of vascular plants, rare and threatened species of Polish flora, sex ratio in the *Rumex* complex); e-mail: zarzycki@ib-pan.krakow.pl

RESEARCH ● contemporary and fossil flora and vegetation of Poland, plants of Balkan Peninsula, Antarctic, Arctic and E African bryophytes, European mountain flora, ecology of threatened and expanding plant species in Central Europe, Cuban flora, taxonomy of different groups of plants and fungi

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – plants of all groups from Poland;

wanted – plants of all groups from different regions of the world

CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in metal cabinets in taxonomical order (Durand's system). Sheet size: 31 × 43,5 cm. Bryophytes are filed in envelopes, on herbarium sheets and stored in metal cabinets; fungi in envelopes, on herbarium sheets and stored in cardboard boxes in holders; lichens in envelopes, in cardboard boxes in metal cabinets, in alphabetical order (exsiccatae are a separate collection).

P & S WORKS ● *Acta Palaeobotanica; Fragmenta Floristica et Geobotanica; Fragmenta Floristica et Geobotanica, Series Polonica; Atlas Flory Polskiej i Ziem Ościennych (Florae Polonicae Terrarumque Adiacentum Iconographia); Polish Botanical Studies; Polish Botanical Studies, Guidebook Series; Bibliografia Botaniczna Polski – rośliny beznacyniowe (Polish botanical bibliography – nonvascular plants); Flora polska – rośliny naczyniowe Polski i ziem ościennych (Flora of Poland – vascular plants); Mała Flora Grzybów (Small Flora of Fungi); Flora Śłodkowodna Polski (Freshwater Flora of Poland); Atlas of the geographical distribution of mosses in Poland; Atlas of the geographical distribution of lichens in Poland; Flora Poloniae Exsiccata (vascular plants); Musci Poloniae Exsiccati; Bryophyta Svalbardensia Exsiccata; Bryophyta Africana Selecta, Bryophyta Antarctica Exsiccata; Plantae Vasculares Svalbardenses Exsiccatae; Phycoteca Polonica; Lichenes Poloniae Meridionalis Exsiccati*

OTHER COLL ● Palaeobotanical Collection (Museum KRAM-P at the Department of Palaeobotany) consists of:

I. extant plants – 14.155 slides of spores and pollen (10.320 species, 3.550 genera, 287 families); 26.936 vials of seeds and fruits (12.150 species, 2.351 genera, 232 families); cuticular slides (390

slides, 242 species, 142 genera, 75 families), wood collection (205 species, 114 genera), collection of tissues (vascular plants and mosses) of peat-forming plants (234 slides); leaf collection (several thousand samples)

II. fossil plants – palaeo- and mesophytic floras (7 types); Tertiary floras (ca 10.000 specimens, 1.200 taxa including 73 type specimens); Quaternary floras (320 sites, 1.252 taxa including 6 type specimens). At the Department of Phycology the *Iconotheca* of algae is completed (drawings and photographs of freshwater algae and fossil diatoms taken from the world literature) – 400.000 figures.

At the Institute there are also stored private collections of A. JASIEWICZ and H. & Z. MIREK, Z. SZELAG (see PRIVATE HERBARIA), and herbaria of J. GUZIK (synanthropic plants), J. STASZKIEWICZ and J. J. WÓJCICKI successively incorporated to KRAM, as well as Phycotecae: V. B. WITTRÖCK und S. F. O. NORDSTEDT – *Algae aquae dulcis exsiccatae* 1877–1883 – vol. I–XII, G. L. RABENHORST – *Die Algen Sachsens* 1848–1860 – 60 Dec., G. L. RABENHORST – *Die Algen Europa's* 1861–1979 – 34 Dec.

DATA BASES ● The following data bases are accessible through Internet:

1. *Index of Latin names of taxa of algae noted in Poland*. Index concerns procariotic blue-green algae (*Cyanophyta*) and is the first part of the broadly planned base. One can find a bibliographical information on species listed here in alphabetical order. Information concerns data given in the literature regarding Poland up to 1990 – <http://botan.ib-pan.krakow.pl/bazy.htm>

2. *Paly-nological data base of Polish Neogene*. Approximately 80 most important Neogene profiles from Poland (published and unpublished) are included. It is a result of more than 40 years of paly-nological studies on the Polish Neogene. It gives an

information about each profile (locality, region, author, map co-ordinates etc.) and the checklist in alphabetical order – <http://botan.ib-pan.krakow.pl/bazy.htm>

3. *Polish pollen data base – Pleistocene*. It gathers data from the profiles already published and from archives of other institutions. The base contributes to the European Pollen Database (EPD, France) within the field of the Eemian. It comprises essential information on a site (profile) and it's description. The data base will be completed successively – <http://botan.ib-pan.krakow.pl/bazy.htm>.

4. *Polish pollen data base – Holocene*. Data accessible through Internet include simplified information about 39 sites investigated by means of pollen analysis so far. The base comprises an information about site (altitude, adjacent vegetation, corings, lithology, authors and basic bibliography) and set of pollen data of all the taxa identified in the samples from the profiles investigated. The successive increase of data is planned – <http://botan.ib-pan.krakow.pl/bazy.htm>

5. *Vascular plants of Poland*. Complete list of vascular plants (Latin names) occurring in Poland, both native, established newcomers, ephemero-phytes and cultivated plants with list of Latin synonyms, Polish names, and information on status in the flora. Available on a disk attached to: MIREK Z., PIĘKOŚ-MIRKOWA H., ZAJĄC A., ZAJĄC M. 1995. Vascular Plants of Poland. A checklist. *Polish Bot. Stud. Guidebook Series* **15**: 1–303. The base is under preparation for Internet.

Under preparation for Internet:

1. *Who is Who in Polish Botany*. A directory of Polish botanists comprising their detailed biographical notes and photographs. It was edited by Z. MIREK, L. MUSIAŁ and J. J. WÓJCICKI and published as a separate volume of *Polish Botanical Studies, Guidebook Series* **14**: 1–436. 1995.

2. *Polish herbaria and other botanical collections*

– full information regarding Polish botanical collections with many additional information

- LIBRARY ● ca 158.700 volumes [books and booklets – 118.024; periodicals – 33.672; maps and slides – ca 7.000] – common property of the W. Szafer Institute of Botany, Polish Academy of Sciences and the Institute of Botany, Jagiellonian University
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
- KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. 35 pp. Jagiellonian University and the Polish Academy of Sciences (Cracow Centre). Cracow.
- KÖHLER P. 1994. Rośliny z terenu Białorusi w zielniku Józefa Jundziłła. (Plants collected in Byelorussia in the Józef Jundziłł herbarium). *Kwartalnik Hist. Nauki Techn.* **39**(3–4): 93–102.
- KÖHLER P. 1994. Collections of 18th Century Vilna Botanists in the Józef Jundziłł Herbarium. *Botanical Journal of Scotland* **46**(4): 589–593.
- KÖHLER P. 1995. Józef Jundziłł i jego zielnik. *Wszecźwiat* **96**(7–8): 183–186.
- KÖHLER P. 1995. Zielnik Józefa Jundziłła. (Herbarium of Józef Jundziłł). *Polish Bot. Stud. Guidebook Series* **13**: 1–154.
- KÖHLER P. 1996. Rośliny poświęcone kultowi Maryi w zielniku Seweryna Udzieli. In: Orędowniczko nasza. Kult Matki Bożej w polskiej kulturze ludowej. ss. 138–149. Muzeum Etnograficzne im. Seweryna Udzieli w Krakowie, Polskie Towarzystwo Ludoznawcze, oddział w Krakowie, Kraków.
- KÖHLER P. 1996. Zielnik Seweryna Udzieli. Herbarium of Seweryn Udziela. *Wiad. Bot.* **40**(1): 69–73.
- ŁAŃCUCKA-ŚRODONIOWA M. 1985. A Catalogue of the types of fossil species and intraspecific taxa kept in the Museum of the Department of Palaeobotany, Institute of Botany, Polish Academy of Sciences, Kraków. *Acta Palaeobot.* **25** (1–2): 21–32.
- MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

KRAKÓW ● *Institute of Botany, Pedagogical University (Instytut Biologii, Wyższa Szkoła Pedagogiczna) – KRAP, KRAP-L, KRAP-R*

ADDRESS ● ul. Podbrzezie 3, 31–054 Kraków
tel. (12) 22–28–05

FOUNDATION ● institution – 1950; herbarium – 1955

SPECIMENS ● total 65.000 [vascular plants (KRAP) – 10.000; separate collection of *Rosa* (KRAP-R) – 20.000; lichens (KRAP-L) – 35.000]

GEOGR AREA ● regional collection

TYPES ● 7 types (*Rosa*)

DIR & CUR ● Prof. Dr. JÓZEF KISZKA (KRAP-L, distribution of lichens in Poland)

CURATORS ● KRAP – Dr. BEATA BARABASZ (phytosociology)
KRAP-R – Dr. RYSZARD POPEK (taxonomy, distribution and variability of *Rosa* in Central Europe)

STAFF ● Dr. LAURA BETLEJA, 1961 (lichenology, S Poland)
M. Sc. ROBERT KOŚCIELNIAK, 1967 (lichenology, S Poland)
Dr. RYSZARD KOZIK, 1944 (lichenology, S Poland)

EXCHANGE ● chorology and taxonomy of lichens; chorology and taxonomy of *Rosa*; vascular plants phytosociology

LOAN ● to recognized botanical institutions

CUR PROCED ● specimens are filed on herbarium sheets and stored in boxes. Sheet size: 31 × 43 cm.

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.

KRAKÓW ● *Department of Forest Botany and Nature Conservation, Faculty of Forestry, H. Kołłątaj Agricultural Academy (Katedra Botaniki Leśnej i Ochrony Przyrody, Wydział Leśny, Akademia Rolnicza im. H. Kołłątaja) – KRFB*

ADDRESS ● Al. 29 Listopada 46, 31–425 Kraków
tel. (12) 11–91–44 ext. 296

FOUNDATION ● institution – 1984; herbarium – 1985

- SPECIMENS** ● 6.200 [vascular plants]
- GEOGR AREA** ● regional collection – forest flora of Poland
- IMPORT COLL** ● vascular plants: M. GUZIKOWA (Canada 171), S. SOKOŁOWSKI (Poland 96).
- HEAD & CUR** ● Prof. Dr. ELŻBIETA PANCER-KOTEJA, 1933 (forest communities of S Poland, ecology of plants, *Rubus hirtus* and *Luzula*)
- STAFF** ● Dr. ZDZISŁAW BEDNARZ, 1941 (dendrochronology and dendroecology of high mountain trees)
 M. Sc. JAN BODZIARCZYK, 1962 (dynamics and structure of the *Phyllitido-Aceretum* community)
 M. Sc. ANNA GAZDA, 1962 (ecology and dynamics of clonal plants)
 M. Sc. GRZEGORZ PIĄTEK, 1970 (structure and dynamics of plant communities with *Alnus incana* in the Carpathian Mts.)
 Dr. WOJCIECH RÓŻAŃSKI, 1954 (forest flora and vegetation of the Carpathian Mts, numerical classification)
 M. Sc. JANUSZ SZEWCZYK, 1967 (natural forest stands dynamics and structure in the Carpathian Mts)
 Dr. JERZY SZWAGRZYK, 1957 (ecology of trees competition, vegetation dynamics)
- RESEARCH** ● forest flora and vegetation of S Poland (chiefly of the Carpathian Mts), plant ecology, dendrochronology
- LOAN** ● not available at present
- EXCHANGE** ● not carried
- CUR PROCED** ● specimens of vascular plants are filed on herbarium sheets and stored in metal boxes in taxonomical order (Durand's system). Sheet size: A₃.
- LITERATURE** ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- KRZYWE** ● *Wigry National Park* (Wigierski Park Narodowy) – **WPN**
- ADDRESS** ● Krzywe 82, 16–400 Suwałki
 tel./fax: (87) 66–63–22

- FOUNDATION ● institution – 1989; herbarium – 1994
- SPECIMENS ● ca 180 sheets
- GEOGR AREA ● Wigry National Park
- DIRECTOR ● M. Sc. Eng. ZDZISŁAW SZKIRUĆ
- STAFF ● Dr. L. KRZYSZTOFIAK (ecology)
 Dr. A. KRZYSZTOFIAK (entomology)
 M. Sc. Eng. A. MACKIEWICZ (water protection)
 M. Sc. M. ROMAŃSKI (phytosociology)
 M. Sc. Eng J. WOŹNICA (chemistry)
- RESEARCH ● monitoring of the Wigry National Park
- LOAN ● on the spot only
- CUR PROCED ● specimens are filed on herbarium sheets
- LIBRARY ● 2.995 items
- LUBLIN** ● *Department of Systematics and Phytogeography, Institute of Biology, Maria Curie-Skłodowska University (Zakład Systematyki i Geografii Roślin, Instytut Biologii, Uniwersytet im. Marii Curie-Skłodowskiej) – LBL, LBL-A, LBL-B, LBL-L*
- ADDRESS ● ul. Akademicka 19, 20–033 Lublin
 tel. (81) 537–50–92; fax: (81) 537–51–02
- HOME PAGE ● <http://www.lublin.pl/umcs/biol/ins1p.html>
- FOUNDATION ● institution – 1945; herbarium – 1946
- SPECIMENS ● total 387.000 [vascular plants (LBL) – 131.000; bryophytes (LBL-B): mosses 99.700, liverworts – 12.300; lichens (LBL-L) – ca 142.000, algae (LBL-A) – 2.000 (*Phaeophyta*, *Charophyta*)] – see also OTHER COLL
- GEOGR AREA ● vascular plants of Poland; bryophytes of the world; world-wide collection of *Usneaceae*, algae (*Charophyta*) of Central Europe
- IMPORT COLL ● LBL – H. KOPORSKA (Lublin region 2.000), D. FIJAŁKOWSKI (Lublin region, over 125.000), W. MACIEJEWSKA-KRZACZEK (Polish species of *Rosa* 3.200), K. IZDEBSKI (Roztocze and Lublin region, ca 600 rare plants); LBL-B – ca 86 types, collection

of *Calliergon*, A. GREW (Upper Silesia), K. KARCZMARZ (Central and North Europe, Central Asia, India, Nepal), M. BLOCH, M. KUC. H. MAMCZARZ, A. W. SOKOŁOWSKI (Poland), F. ŚWIĘS (Poland, Mongolia, Spitsbergen); LBL-L – ca 900 holotypes, isotypes, paratypes, syntypes, J. MOTYKA (worldwide collection of *Usneaceae* and *Lecanoraceae*, lichens of the Polish Carpathians and Lublin region), T. SULMA (Eastern Carpathians), J. BYSTREK, K. GÓRZYŃSKA, B. ORDYCZYŃSKA, J. RYDZAK, K. TATARKIEWICZ, H. WÓJCIAK; LBL-A – K. KARCZMARZ, A. ŁUCZYCKA, R. OCHYRA, Z. POPIOLEK (Poland), W. KRAUSE (Germany)

TYPES ● ca 990 [lichens – ca 900; bryophytes – 86]

DIRECTOR ● Prof. Dr. KAZIMIERZ KARCZMARZ

CURATORS ● LBL, LBL-A, LBL-B – Prof. Dr. KAZIMIERZ KARCZMARZ, 1933 (taxonomy, bryology, bryophytes of Spitsbergen, peat-bog vegetation, *Charophyta* of Poland, palaeobotany, phytogeography, floristics, history of botany); e-mail: mszarows@biotop.UMCS.lublin.pl

LBL-L – Doc. Dr. JAN BYSTREK, 1934 (taxonomy, distribution and ecology of lichens, biomonitoring)

STAFF ● M. Sc. MAREK BLOCH, 1946 (bryology, peat-bog bryophytes)

Dr. MIROSLAWA BLOCH, 1945 (floristics, taxonomy of *Sphagnum*, botanical drawings)

Dr. MARIA MOTYKA-ZGŁOBICKA, 1944 (lichens of Lublin region)

M. Sc. KRYSZYNA SAWA, 1945 (synanthropic vegetation, botanical computer programs)

M. Sc. MAREK SZAROWSKI, 1967 (bryophyte communities, botanical computer programs)

Dr. MARIA WAWER, 1946 (vegetation of protected forests and lakes)

Dr. HANNA WÓJCIAK, 1957 (floristics, taxonomy of *Usneaceae*, ecology of lichens, botanical photography)

- RESEARCH ● contemporary and fossil flora of E Poland, taxonomy of *Usneaceae*, taxonomy and distribution of bryophytes and *Charophyta*, forest and peat-bog vegetation of protected areas
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – vascular plants of all groups from Poland and cryptogams from different regions of the world; *wanted* – plants from different regions of the world
- P & S WORKS ● *Annales Universitatis Mariae Curie-Skłodowska, Sectio C; Folia Societatis Scientiarum Lublinensis, Ser: Biologia; Plantae Exsiccatae Palatinatus Lublinensis – Polonia; Musci Exsiccati Palatinatus Lublinensis – Polonia; Musci Europaei Orientalis Exsiccati; Hepaticae Exsiccatae Palatinatus Lublinensis – Polonia; Charophyceae Europae Orientalis Exsiccatae; Hepaticae Europae Orientalis Exsiccatae; Charophyceae Poloniae Exsiccati, reg. Lublinensis (Polonia orientalis)*
- CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in woody cabinets in taxonomical order (Englers system). Bryophytes (Brotherus system) and Lichens (alphabetical order) filed in envelopes, on herbarium sheets in wooden cabinets; *Charophyta* are filed on herbarium sheets and small plants in envelopes. Sheet size: 31 × 45 cm.
- OTHER COLL ● Palaeobotanical collection consists of:
 I. extant plants – 1.447 slides of bryophytes (168 species, 112 genera, 92 families) and collection of tissues of vascular plants (81 slides)
 II. Cretaceous plant specimens in small parcels (19 species, 8 genera, 6 families)
Iconotheca of lichens (drawing collection of *Usnea* by T. SZYNAL) in 24 tables
- LIBRARY ● ca 35.000 [books and booklets – 21.867 volumes; periodicals, maps and slides – ca 2.400] – common property of the Institute of Biology, Maria Curie-Skłodowska University. Private botanical library of

K. KARZMARZ – 8.603 [books, booklets – 2.100 volumes; reprints – 4.500; journals – 3]

LITERATURE ● FIJAŁKOWSKI D. 1994. Flora roślin naczyniowych Lubelszczyzny. T. 1, pp. 389. Lubelskie Towarzystwo Naukowe, Lublin.

HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**:1–73.

LUBLIN ● *Department of General Botany, Institute of Biology, Maria Curie-Skłodowska University (Zakład Botaniki Ogólnej, Instytut Biologii, Uniwersytet im. Marii Curie-Skłodowskiej) – LBLM*

ADDRESS ● ul. Akademicka 19, 20–033 Lublin
tel. (81) 537–50–92; fax: (81) 537–51–02

HOME PAGE ● <http://www.lublin.pl/umcs/biol/ins1p.html>

FOUNDATION ● institution – 1944; collection – 1965

SPECIMENS ● 25.000 [fungi]

GEOGR AREA ● fungi of Central and Eastern Europe

HEAD & CUR ● Prof. Dr. BOGUSŁAW SAŁATA, 1940 (phytopathogenic fungi)

STAFF ● Dr. MARIA A. CHMIEL, 1946 (*Discomycetes* of S Poland)

M. Sc. ZOFIA FLISIŃSKA, 1948 (higher fungi of Lublin region)

Dr. WIESŁAW MUŁENKO, 1954 (phytopathogenic micromycetes of SE Poland)

Dr. JOANNA ROMASZEWSKA-SAŁATA, 1942 (phytopathogenic micromycetes of S Poland)

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – phytopathogenic fungi of S Poland;
wanted – phytopathogenic fungi of the world

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

ŁÓDŹ ● *Chair of Botany, Institute of Ecology and Conservation, Łódź University* (Katedra Botaniki, Instytut Ekologii i Ochrony Środowiska, Uniwersytet Łódzki) – **LOD**

ADDRESS ● ul. S. Banacha 12/16, 90–237 Łódź
tel. (42) 35–44–01; fax: (42) 78–13–14

FOUNDATION ● institution – 1946; herbarium – 1946

SPECIMENS ● total 394.200 [vascular plants – 350.000; bryophytes 11.700; lichens – 12.500; fungi – 20.000]

GEOGR AREA ● regional collection from Central Poland, also from western Africa

IMPORT COLL ● M. ŁAWRYNOWICZ (hypogeous fungi of Poland – 15.000)

DIRECTOR ● Prof. Dr. ROMUALD OLACZEK, 1934 (geobotany, nature conservation); e-mail: olaczek@biol.uni.lodz.pl

CURATORS ● vascular plants – Dr. hab. JANUSZ HEREŹNIAK, 1935 (dendrology, geobotany, plant ecology, vascular plants of the Częstochowa-Wieluń Upland); e-mail: janher@biol.uni.lodz.pl
mosses – M. Sc. ANNA ŁUCZAK, 1972 (bryology, geobotany)

lichens – Dr. hab. KRYSZYNA CZYŻEWSKA, 1938 (lichenology, geobotany); e-mail: czyzew@biol.uni.lodz.pl

fungi – Prof. Dr. MARIA ŁAWRYNOWICZ, 1943 (taxonomy and chorology of hypogeous fungi); e-mail: miklaw@biol.uni.lodz.pl

STAFF ● Dr. JOLANTA ADAMCZYK, 1952 (mycology, nature conservation); e-mail: adamta@biol.uni.lodz.pl

M. Sc. ANNA BOMANOWSKA, 1968 (agrophytocoenology, geobotany); e-mail: knopikaa@biol.uni.lodz.pl

Dr. LUCYNA FAGASIEWICZ, 1920 (geobotany, floristics)

Dr. hab. JANINA JAKUBOWSKA-GABARA, 1943 (geobotany); e-mail: jjg@biol.uni.lodz.pl

M. Sc. DOROTA MICHALSKA-HEJDUK, 1966 (plant

ecology, geobotany); e-mail: dhejduk@biol.uni.lodz.pl

M. Sc. JEREMI KOŁODZIEJEK, 1963 (geobotany); e-mail: kolo@biol.uni.lodz.pl

Dr. LESZEK KUCHARSKI, 1955 (geobotany, nature conservation); e-mail: kuchar@biol.uni.lodz.pl

Dr. hab. JÓZEF K. KUROWSKI, 1945 (plant ecology, geobotany); e-mail: kjk@biol.uni.lodz.pl

Prof. Dr. RYSZARD SOWA, 1927 (synanthropic flora and vegetation of Central Poland, chorology maps of vascular plants, protection of vegetation); e-mail: rsowa@biol.uni.lodz.pl

Dr. JAN T. SICIŃSKI, 1938 (agrophytocoenology); e-mail: janteosi@biol.uni.lodz.pl

M. Sc. JAROSŁAW SIERADZKI, 1964 (geobotany, nature conservation); e-mail: jsiera@biol.uni.lodz.pl

Dr. hab. AURELIA U. WARCHOLIŃSKA, 1932 (agrophytocoenology); e-mail: urwar@biol.uni.lodz.pl

Dr. PIOTR WITOSŁAWSKI, 1958 (geobotany)

- RESEARCH ● flora and vegetation of Central Poland, including segetal and ruderal
- LOAN ● with special permission of the director; generally not available at present
- EXCHANGE ● *available* – plants from Central Poland; *wanted* – Holarctic plants of different regions
- CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in wooden cardboard boxes; low temperatures. Sheet size: ca 31 × 43 cm.
- P & S WORKS ● *Acta Universitatis Lodzianensis – Folia Botanica*; *Acta Universitatis Lodzianensis – Folia Zoologica*
- OTHER COLL ● Nature Photography Archive – collection by J. HEREŹNIAK (from 1956 onward), containing 50.000 black and white and colour photographs of Polish and foreign (Africa) flora, vegetation and landscape
- LIBRARY ● books – 5.200 volumes, periodicals – 100
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. 35 pp. Jagiellonian University and the Polish Academy of Sciences (Cracow Centre). Cracow.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

OLACZEK R., SOWA R. 1959. Herbarium Universitatis Lodziensis. Zielnik Katedry Systematyki i Geografii Roślin Uniwersytetu Łódzkiego. *Wiad. Bot.* **3**(4): 239–240.

OJCÓW ● *Professor Władysław Szafer Museum, Ojców National Park* (Muzeum im. Prof. Władysława Szafera, Ojcowski Park Narodowy) – **OPN**

ADDRESS ● „Dom Pod Łokietkiem”, 32–047 Ojców
tel. (12) 23–90–63 w. 232

SPECIMENS ● ca 480

FOUNDATION ● institution – 1956; herbarium – 1956

GEOGR AREA ● local collection of the Ojców National Park

DIRECTOR ● M. Sc. RUDOLF SUCHANEK,

CURATOR ● M. Sc. BOGDAN WIŚNIOWSKI, 1961

STAFF ● M. Sc. WOJCIECH BĄBA, 1972

LOAN ● normal regulation

CUR PROCED ● specimens are mounted on herbarium sheets and stored in cardboard boxes in holders

P & S WORKS ● *Prądnik. Prace i Materiały Muzeum im. Profesora Władysława Szafera*

LIBRARY ● ca. 13.600 volumes

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

OLSZTYN ● *Department of Botany and Nature Protection, M. Oczapowski Academy of Agriculture and Technology in Olsztyn* (Katedra Botaniki i Ochrony Przyrody, Akademia Rolniczo-Techniczna im. M. Oczapowskiego w Olsztynie) – **OLS**

- ADDRESS ● Pl. Łódzki 1, 10–957 Olsztyn-Kortowo
tel. (89) 523 33 47; fax: (89) 523–34–94
- FOUNDATION ● institution 1950; herbarium – 1965
- SPECIMENS ● 14.000 [vascular plants]; see also REMARKS
- GEOGR AREA ● local collection from NE Poland
- DIRECTOR ● Dr. hab. CZESŁAW HOŁDYŃSKI (segetal flora and communities, field habitats estimation by biological methods – phytoindication, biology of weed diaspores dissemination, cartography of vegetation)
- CURATOR ● M. Sc. EMIRA LAMPARSKA
- STAFF ● M. Sc. KONRAD BŁOCKI, 1965 (segetal and ruderal flora of NE Poland, taxonomy of *Avena strigosa*)
Prof. Dr. HENRYK CHUDYBA, 1933 (ecology of freshwater plants, eutrophication and water protection, phytosociology, ecology of phytoplankton)
Dr. ALICJA CZAPLICKA, 1951 (ecology of phytoplankton, eutrophication and human influence on lake ecosystems)
Dr. JAN DZIEDZIC, 1943 (phytosociology and productivity of freshwater macrophytes)
M. Sc. WIESŁAW JASTRZĘBSKI, 1968 (agroecology, circulation of weed seeds in agrocoenoses)
Dr. ANTONI JUTRZENKA-TRZEBIATOWSKI, 1938 (flora and forest communities of NE Poland, protected and endangered species, bryology)
Doc. Dr. TADEUSZ KORNIAK, 1939 (segetal and ruderal flora of NE Poland, taxonomy of *Avena fatua* and *A. strigosa*)
M. Sc. KRYSZYNA KUSZEWSKA, 1955 (environmental threats resulting from human activities, landscape planning, *Avena strigosa* in *Avena sativa* cultivation)
M. Sc. IWONA ŁAŻNIEWSKA, 1970 (ecology of freshwater phytoplankton, eutrophication and water protection)
Dr. WŁODZIMIERZ PISAREK, 1960 (nature conservation, flora and vegetation of wetlands, bryology);
e-mail: wlodekp@moskit.art.olsztyn.pl

Prof. Dr. BENON POLAKOWSKI, 1927 (phytosociology, floristics, nature conservation)

Dr. TADEUSZ SZAREJKO, 1942 (flora and vegetation of wetlands and grasslands)

Dr. MARZENA ŚRODA, 1958 (geobotany, phytosociology, floristics)

M. Sc. MAGDALENA WOŹNIAK, 1962 (plant ecology, phytosociology, agroecology)

M. Sc. ANNA ZALEWSKA, 1960 (lichens of NE Poland, ecology of epiphytic lichens, taxonomy and chlorology of *Collembataceae*); e-mail: annazalw@moskit.art.olsztyn.pl

RESEARCH ● flora and vegetation of NE Poland

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – vascular plants from NE Poland; *wanted*– vascular plants and bryophytes from Europe, lichens from Europe (especially *Collembataceae*)

CUR PROCED ● specimens are stored on herbarium sheets in cardboard boxes in holders in systematic order. Sheet size: 30 × 43 cm.

REMARKS ● The collection of lichens of NE Poland (mainly from the the Borecka Puszcza forest) is under preparation. The collection contains some old forest indicator species. Lichens (about 2.500 specimens) will be stored in envelopes in cardboard boxes in holders. A. ZALEWSKA will be the Curator of collection OLS-L (lichens) and the material should be available on loan from 1999.

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

OLSZTYN ● *Department of Grassland, Olsztyn University of Agriculture and Technology (Zakład Łąkarstwa, Akademia Rolniczo-Techniczna) – OLSZ*

ADDRESS ● Pl. Łódzki 1, 10–718 Olsztyn-Kortowo
tel. (89) 283–89, 284–93

- FOUNDATION ● institution – 1952; herbarium – 1954
- SPECIMENS ● 7.600 [vascular plants]
- GEOGR AREA ● local collection from NE Poland and from Hungary and Bulgaria
- DIRECTOR ● Prof. Dr. STEFAN GRZEGORCZYK; e-mail: stefang@art.olsztyn.pl
- CURATOR ● Doc. Dr. LONGIN OLESIŃSKI, 1929 (flora of NE Poland)
- RESEARCH ● vascular plant flora and grassland vegetation chiefly from NE Poland
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – vascular plants chiefly from NE Poland; *wanted* – *Gramineae*, *Papilionaceae* (chiefly *Lotus*) from different regions of the world
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- OLSZTYN** ● *Department of Botany, Institute of Biology, Teachers College in Olsztyn (Zakład Botaniki, Instytut Biologii, Wyższa Szkoła Pedagogiczna) – OLTC*
- ADDRESS ● ul. Żołnierska 14, 10–561 Olsztyn
tel. (89) 27–60–33
- FOUNDATION ● institution – 1962; herbarium – 1956 (1970)
- SPECIMENS ● 2.472 [vascular plants]
- GEOGR AREA ● regional collection from NE Poland, trees and shrubs from Poland and France, Georgia, Turkmenistan, Turkey and Australia; host plants of *Viscum*
- HEAD ● Dr. hab. MARIA DYNOWSKA, 1949 (mycology)
- CURATORS ● Dr. HANNA CIECIERSKA, 1960 (aquatic vegetation, hydrobotany)
M. Sc BARBARA JUŚKIEWICZ, 1957 (floristics)
- STAFF ● M. Sc. GRZEGORZ FIEDOROWICZ, 1969 (floristics)
M. Sc. ANNA HOŁOWEŃCZAK, 1971 (mycology)
Dr. PAWEŁ LORO, 1956 (floristics)
Dr. PIOTR STYPIŃSKI, 1932 (dendrology)

- RESEARCH ● flora and vegetation of NE Poland, dendrology, mycology
- LOAN ● to local institutions only
- EXCHANGE ● *available* – plants from NE Poland; *wanted* – trees and shrubs
- CUR PROCED ● specimens mounted on herbarium sheets and stored in boxes in cabinets in taxonomic order. Sheet size: 28 × 42 cm.
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.
- OLSZTYN** ● *Museum of Warmia and Mazury* (Muzeum Warmii i Mazur) – **OMWM**
- ADDRESS ● ul. Zamkowa 2, 10–074 Olsztyn
tel. (89) 527–95–96
- FOUNDATION ● institution – 1945; herbarium – 1945
- SPECIMENS ● 2.368 [vascular plants]
- GEOGR AREA ● local collection
- IMPORT COLL ● H. STEFFEN (448 sheets); H. GROSS (24 sheets); see also LITERATURE
- DIRECTOR ● M. Sc. JANUSZ CYGAŃSKI (ethnography)
- CURATOR ● Dr. KRZYSZTOF GĘBURA, 1953 (rare and threatened vascular plants of the region)
- RESEARCH ● flora and fauna of Warmia and Mazury
- LOAN ● not available at present
- EXCHANGE ● not carried
- CUR PROCED ● specimens on herbarium sheets in cardboard covers
- P & S WORKS ● *Zeszyty Muzealne – Seria Przyroda*
- LIBRARY ● ca 750 volumes
- LITERATURE ● GĘBURA K. 1997. Interesujący zielnik przedwojenny w zbiorach Muzeum Warmii i Mazur w Olsztynie (Interesting pre-war herbarium in the collection of Warmia and Mazury). *Wiad. Bot.* 41(1): 75–77.
- MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.

OPOLE ● *Museum of Opolian Silesia* (Muzeum Śląska Opolskiego) – **OPOL**

ADDRESS ● Mały Rynek 7, 45–020 Opole
tel. (77) 366–77, 346–11

SPECIMENS ● about 5.000 [vascular plants]

GEOGR AREA ● local collection, chiefly synanthropic flora of the Opole region

IMPORT COLL ● Doc. Dr. S. MICHALAK (synanthropic flora of the Opole region)

DIRECTOR ● M. Sc. MARIA MYGA

LOAN ● on the spot only

EXCHANGE ● not carried

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guide-book Series 2*: 1–73.

POREBA WIELKA ● *Gorce National Park* (Gorczański Park Narodowy) – **GPN**

ADDRESS ● Poreba Wielka 4, 34–735 Niedźwiedź
tel. Niedźwiedź 207; tel/fax: (90) 38–36–80

FOUNDATION ● institution – 1980; herbarium 1995

SPECIMENS ● ca 1.250 [lichens]

GEOGR AREA ● Gorce Mts (the Western Carpathians)

DIRECTOR ● M. Sc. Eng. ANDRZEJ GRUSZCZYK

CURATOR ● M. Sc. Eng. PAWEŁ CZARNOTA, 1965 (lichens and epiphytic lichen communities in forests of the Gorce National Park, bioindication)

STAFF ● M. Sc. KAZIMIERZ CHWISTEK, 1966 (ecology of *Abies alba*, *Picea abies*, *Fagus sylvatica* in the Gorce NP)

M. Sc. JAN LOCH, 1960 (ecology and distribution of *Sorbus aucuparia*, regeneration of the upper montane spruce forest)

RESEARCH ● flora of the Gorce Mts

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – epiphytic lichens from the Gorce Na-

tional Park; *wanted* – lichens from different regions of the world

CUR PROCED ● specimens of lichens in envelopes stored in cardboard boxes

DATA BASES ● computer data base concerns lichens mainly of the Gorce National Park (ca 1.850 records); available on the spot only

POZNAŃ ● *Department of Pharmaceutical Botany, Medical Academy (Katedra i Zakład Botaniki Farmaceutycznej, Akademia Medyczna) – PBMA*

ADDRESS ● ul. Wieniawskiego 1, 61–712 Poznań
tel. (61) 53–69–38; fax: (61) 52–04–55

FOUNDATION ● institution – ?; collection – 1963

SPECIMENS ● about 40.000 [vascular plants]

GEOGR AREA ● local collection

HEAD & CUR ● Prof. Dr. LUTOŚŁAWA SKRZYPCZAK, 1925 (pharmaceutical botany)

LOAN ● to recognized botanical institutions

EXCHANGE ● not carried

CUR PROCED ● specimens filed on herbarium sheets and stored in boxes in holders in taxonomical order. Sheet size: 29 × 42 cm.

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* 2: 1–73.

POZNAŃ ● *Department of Plant Taxonomy, Faculty of Biology, Adam Mickiewicz University (Zakład Taksonomii Roślin, Instytut Biologii Środowiska, Wydział Biologii, Uniwersytet im. Adama Mickiewicza) – POZ*

ADDRESS ● Al. Niepodległości 14, 61–713 Poznań
tel. (61) 52–05–18

FOUNDATION ● institution – 1919; herbarium – 1919

SPECIMENS ● total 185.000 [vascular plants – 160.000; lichens – 25.000]

- GEOGR AREA ● vascular plants and lichens of Poland and Europe
- IMPORT COLL ● J. PACZOSKI (Balkan Peninsula 9.000), G. A. RITSCHL (Silesia and Central and West Poland, XIX century – 5.000), A. SCHENK (about 6.000 from different regions of Central and Western Europe), H. WALTER (North America 1.200)
- DIRECTOR ● Prof. Dr. WALDEMAR ŻUKOWSKI, 1935 (*Cyperaceae*)
- CURATOR ● Prof. Dr. KAROL LATOWSKI, 1939 (*Cruciferae, Umbelliferae*)
- STAFF ● Dr. ZBIGNIEW CELKA, 1967 (chorology of vascular plants)
 Dr. JULIAN CHMIEL, 1958 (chorology of vascular plants)
 Dr. BOGDAN JACKOWIAK, 1954 (chorology of vascular plants)
 Dr. PIOTR SZKUDLARZ, 1961 (*Ericaceae*)
- RESEARCH ● experimental and numerical taxonomy, flora of Poland and Europe, ruderal and segetal flora of Poland
- LOAN ● to recognized botanical institution
- EXCHANGE ● *available* – plants of Poland and Europe; *wanted* – Holarctic phanerogams
- P & S WORKS ● *Lichenotheca Polonica; Prace Zakładu Taksonomii Roślin Uniwersytetu im. Adama Mickiewicza w Poznaniu (Publications of the Department of Plant Taxonomy of the Adam Mickiewicz University in Poznań)*
- REMARKS ● see also PRIVATE HERBARIA – W. ŻUKOWSKI
- OTHER COLL ● fruit and seed collection – total 1.200 samples (stored in vials and bags)
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
 MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
 PACZOSKI J. 1933. Zielnik Zakładu Botaniki Systema-

tycznej Uniwersytetu Poznańskiego. Wydawnictwo Okręgowego Komitetu Ochrony Przyrody na Wielkopolskę i Pomorze w Poznaniu 4: 3–4.

POZNAŃ ● *Department of Geobotany, Faculty of Biology, Adam Mickiewicz University (Zakład Geobotaniki, Wydział Biologii, Uniwersytet im. Adama Mickiewicza) – POZG*

ADDRESS ● Al. Niepodległości 14, 61–713 Poznań
tel. (61) 52–00–01; fax: (61) 52–36–15

FOUNDATION ● institution – 1919; herbarium – 1925

SPECIMENS ● total 229.000 [vascular plants – ca 145.000; mosses – 84.000]

GEOGR AREA ● worldwide mosses, phanerogams of the tropics, mainly from Central Africa

IMPORT COLL ● S. LISOWSKI (*Bryophytes* and vascular plants from Poland, Central Asia, Guinea and Zaire)

TYPES ● many types of African vascular plants and bryophytes

HEAD ● Prof. Dr. KAROL LATOWSKI, 1939 (see POZ)

CURATORS ● Prof. Dr. STANISŁAW LISOWSKI, 1924 (tropical botany – mainly Africa, vascular plants and mosses)
Dr. IWONA MELOSİK, 1962 (taxonomy, chorology and ecology of *Sphagnum*)
Dr. ANNA RUSIŃSKA, 1947 (floristics, chorology and ecology of European mosses, except of *Sphagnum*)

STAFF ● Dr. PIOTR SZMAJDA, 1945 (taxonomy and chorology of mosses, theoretical biology especially phytogeography)
M. Sc. JUSTYNA WILAND (taxonomy of African vascular plants)

RESEARCH ● taxonomy, chorology and ecology of mosses; tropical vascular plants – mainly Africa; geobotany, theoretical biology

LOAN ● to recognized botanical institutions

EXCHANGE ● *available and wanted* – vascular plants and mosses from tropical Africa and Europe

P & S WORKS ● *Bryotheca Polonica; Musci ex Montibus Vranica, Bosnia (Yugoslavia); Bryophytes d'Afrique Centrale Exsiccates; Mouses d'Afrique Occidentale*

LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

SZMAJDA P. 1979. Investigations on mosses at Adam Mickiewicz University in Poznań, Poland. *Abstracta Botanica* **5**(Supplementum 3): 15–31

POZNAŃ ● *Department of Plant Ecology and Environment Protection, Adam Mickiewicz University (Zakład Ekologii Roślin i Ochrony Środowiska Uniwersytet im. Adama Mickiewicza) – POZM*

ADDRESS ● al. Niepodległości 14, 61–713 Poznań
tel. (61) 52–00–01; fax (61) 52–36–15

FOUNDATION ● institution – 1919; herbarium – 1957

SPECIMENS ● 13.000 [fungi]

GEOGR AREA ● Poland, USA, Scandinavia, Balkan Peninsula

IMPORT COLL ● old museum herbarium collection of *Boletales* and *Agaricales* of 1905–1908 [21 sheets]

DIRECTOR ● Prof. Dr. ANNA MARIA BUJAKIEWICZ, 1940 (mycology, mycosociology); e-mail: ascom@hum.amu.edu.pl

CURATORS ● Prof. Dr. MARIA LISIEWSKA 1934, (mycology, mycosociology)
M. Sc. KATARZYNA SZAMBELAŃCZYK (mycology);
e-mail: kaja@hum.amu.edu.pl

STAFF ● Prof. Dr. STANISŁAW BALCERKIEWICZ, 1943 (geobotany); e-mail: balc@hum.amu.edu.pl
Dr. hab. JANINA BORYSIK, 1952 (geobotany)
Dr. ANDRZEJ BRZEG, (phytosociology)

Dr. MAREK KASPROWICZ, 1956 (phytosociology, geobotany); e-mail: mkas@hum.amu.edu.pl

Dr. MARIA KOZŁICKA (bryology, hepatics)

Dr. GRAŻYNA PAWLAK, 1953 (plant ecology, phytosociology)

M. Sc. DOROTA RZEPKA (bryology)

Dr. MARIA WOJTERSKA, 1953 (geobotany); e-mail: mwzerios@hum.amu.edu.pl

- RESEARCH ● differentiation of plant cover under the influence of natural and anthropogenic factors, syntaxonomy, classification and ecology of plant communities, degeneration of phytocoenoses and vegetation, secondary succession on abandoned fields, landscape ecology, typology, assessment, formation and protection of landscape on a geobotanical basis, macrofungi taxonomy and ecology, mycosociology
- LOAN ● to recognized botanical institutions
- EXCHANGE ● limited
- CUR PROCED ● specimens are stored in envelopes (10 × 15 cm) in cardboard boxes in holders; freezing and preservation with p-dichlorobenzene
- P & S WORKS ● *Physiographical Researches on Western Poland (Badania Fizjograficzne nad Polską Zachodnią)*
- LIBRARY ● total ca 14.000 [books and booklets – ca 10.400; periodicals – ca 3.600]
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- POZNAŃ ● *Department of Botany, August Cieszkowski Agricultural University of Poznań* (Katedra Botaniki, Akademia Rolnicza im. Augusta Cieszkowskiego w Poznaniu) – **POZNB**
- ADDRESS ● ul. Wojska Polskiego 71c, 60–625 Poznań
tel. (61) 848–76–95; fax: (61) 848–71–46

- FOUNDATION ● institution – 1919; herbarium – about 1919
- SPECIMENS ● total ca 27.850 [vascular plants 12.000; bryophytes – 12.650; fungi – 1.200; lichens – 800; algae – 300]
- GEOGR AREA ● local collection
- IMPORT COLL ● M. FILIPEK (xerothermic flora), W. KULESZA (*Rubus*), C. MIELCARSKI (vascular plants), B. NAMYSŁOWSKI (fungi), C. NOWACZYK (bryophytes), M. NOWIŃSKI (vascular plants), M. RACIBORSKI (algae, fungi), W. RUDNICKA-STERNA (vascular plants), K. STECKI (algae, vascular plants), W. STEFANEK-PAŃCZUK (*Rosa*), M. SZCZEPANIK-JANYSZEK (*Carex*), F. TEODOROWICZ (fungi), P. URBAŃSKI (bryophytes), K. ZALESKI (fungi)
- HEAD ● Dr. WANDA RUDNICKA-STERNA, 1938 (carpology and taxonomy of grasses)
- CURATORS ● vascular plants – Dr. CZESŁAW MIELCARSKI, 1923 (geobotany)
bryophytes and other nonvascular plants – M. Sc. PAWEŁ URBAŃSKI, 1953 (floristics and ecology of Polish mosses); e-mail: ptilium@owl.au.poznan.pl
- STAFF ● M. Sc. WOJCIECH ANTKOWIAK, 1966 (morphological variability and ecology of *Trollius europaeus*)
M. Sc. LESZEK BEDNORZ, 1964 (morphological variability and ecology of *Daphne mezereum*)
M. Sc. SŁAWOMIR JANYSZEK, 1966 (geobotany, especially syntaxonomy and ecology of forest secondary growth)
M. Sc. MAGDALENA KLUZA, 1967 (morphological variability of *Helianthus annuus*)
Prof. Dr. STANISŁAW KRÓL, 1923 (dendrology, ecology)
Dr. HENRYK KUŚWIK, 1948 (taxonomy and distribution of *Taxus*)
Dr. MARIA MOROZOWSKA, 1955 (morphological variability, biology and ecology of *Primula veris*)
M. Sc. MAGDALENA SZCZEPANIK-JANYSZEK, 1967

(taxonomy and ecology of *Carex* sec. *Muehlenbergiana*)

M. Sc. MAŁGORZATA WYRZYKIEWICZ-RASZEWSKA,
1954 (floristics, dendrology)

- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – bryophytes; *wanted* – plants (all groups) from Poland
- LIBRARY ● ca 8.500 volumes [books – 3.950; offprints – 2.500; periodicals – 1.800; maps – 150]
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- POZNAŃ** ● *Department of Forest Botany, Agricultural University (Katedra Botaniki Leśnej, Akademia Rolnicza) – POZNF*
- ADDRESS ● ul. Wojska Polskiego 71d, 60–625 Poznań
tel. (61) 48–77–46, 48–77–47
- FOUNDATION ● institution – 1923; herbarium – 1923
- SPECIMENS ● 6.700 [vascular plants]
- GEOGR AREA ● Poland (mainly Wielkopolska, the Carpathian and Sudety Mts), Ukraine, Bulgaria, Spain, Scandinavia, The Netherlands, Vietnam)
- IMPORT COLL ● K. STECKI (vascular plants of the Tatra Mts), W. KULESZA (trees and shrubs including *Rubus*) W. DANIELEWICZ – *Betula carpatica*, *B. tortuosa*, trees and shrubs), J. HANTZ (*Liquidambar*), T. MALIŃSKI (*Rubus* from Wielkopolska), W. SZWED (*Alchemilla* from the Babia Góra Mts.)
- DIRECTOR ● Dr. WŁADYSŁAW DANIELEWICZ
- CURATORS ● vascular plants – Dr. WŁADYSŁAW DANIELEWICZ, 1954 (dendrology, chorology of trees and shrubs in river valleys, taxonomy)
living collection of dendrological garden – Dr.

WOJCIECH SZWED, 1950 (phytosociology, landscape ecology); e-mail: szwed@au.poznan.pl

M. Sc. JACEK ZATORSKI, 1968 (introduction and acclimatization of trees and shrubs)

STAFF ● Dr. JACEK HANTZ, 1939 (taxonomy and variability of *Oxalis*, chorology of *Liquidambar*)

Dr. IRMINA MACIEJEWSKA, 1963 (taxonomy, palynology, carpology)

M. Sc. TOMASZ MALIŃSKI, 1967 (taxonomy and variability of *Rubus*)

M. Sc. DOROTA WROŃSKA-PILAREK, 1963 (taxonomy, palynology, carpology)

M. Sc. ALICJA ZIENTARSKA, 1950 (phenology of trees and shrubs)

RESEARCH ● dendrology, chorology, foreign taxa of trees and shrubs in Polish forests and river valleys, phytosociology, landscape ecology, taxonomy, palynology, carpology of native species of *Caprifoliaceae* and *Ribes*

LOAN ● to recognized botanical institutions

CUR PROCED ● specimens filed on herbarium sheets and stored in boxes in cabinets in alphabetical order

OTHER COLL ● Dendrological Garden (living collection of ca 500 taxa of trees and shrubs)

LIBRARY ● about 2.500 volumes

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

POZNAŃ ● *Department of Genetics, Working Group for the study of Variation in Bryophytes, Institute of Experimental Biology, Faculty of Biology, Adam Mickiewicz University (Zakład Genetyki, Instytut Biologii Eksperymentalnej, Uniwersytet im. Adama Mickiewicza) – POZW*

ADDRESS ● Herbarium and the Working Group: ul. Szamarzewskiego 89/91, 60–568 Poznań

- tel. (61) 47–64–61, ext. 292 (herbarium) and 320 (J. Szweykowski)
 Department of Genetics: ul. Międzychodzka 5, 60–371 Poznań; tel. (61) 61–41–76
- FOUNDATION ● Department – 1968); Working Group – 1994; herbarium – 1945
- SPECIMENS ● about 40.000 [*Hepaticae* only]
- GEOGR AREA ● Polish and Holarctic liverworts
- HEAD & CUR ● Head of the Genetic Department: Prof. Dr. WIEŚLAW PRUS-GŁOWACKI (population genetics of forest trees, serotaxonomy of the liverworts)
 Head of the Working Group: Prof. Dr. JERZY SZWEYKOWSKI, 1925 (taxonomy and chorology of the Holarctic liverworts)
 Curator of the Herbarium: M. Sc. KATARZYNA BUCZKOWSKA (taxonomy and chorology of the Holarctic liverworts, particularly genus *Calypogeia*)
- STAFF ● M. Sc. ALINA BĄCZKIEWICZ (electrophoretic variation of liverworts and *Pinus*)
 M. Sc. EWA CHUDZIŃSKA (caryology of liverworts)
 Prof. Dr. MARIA KRZAKOWA*, 1934 (population genetics and chenotaxonomy)
 Dr. IRENEUSZ ODRZYKOSKI* (population genetics)
- RESEARCH ● taxonomy and chorology of Holarctic liverworts
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – Polish liverworts, many taxa from the Tatra Mts; *wanted* – any liverworts, mainly Holarctic and Arctic
- REMARKS ● POZW is a hepatic herbarium housed separately from the main University Herbarium POZ
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
 MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

* members of the staff of the Department of Genetics not belonging formally to the Working Group, working actively on bryophytes

- PUŁAWY** ● *Institute of Plant Cultivation, Fertilization and Soil Sciences* (Instytut Uprawy, Nawożenia i Gleboznawstwa) – **IUNG**
- ADDRESS** ● ul. Czartoryskich 8, 24–100 Puławy
tel. (81) 86–34–21; fax: (81) 86 45 47
- FOUNDATION** ● institution – 1862; collection – 1862
- SPECIMENS** ● ca 11.000 [vascular plants]
- GEOGR AREA** ● Poland and Ukraine
- DIRECTOR** ● Doc. Dr. hab. SEWERYN KUKUŁA, 1938 (agriculture)
- CURATOR** ● M. Sc. Eng. JÓZEF GADOR, 1936 (forestry, dendrology)
- STAFF** ● Prof. Dr. ANNA JÓZEFACIUK, 1934 (recultivation of eroded areas)
M. Sc. GRAŻYNA KĘSIK, 1949 (mycology)
M. Sc. Eng. JAN PIĘTA, 1929 (forestry, łąkarstwo, dendrology)
Dr. LUCYNA PUSZKAR, 1942 (phytosociology)
Eng. BOGUMIŁ RĘBOWSKI, 1926 (horticulture, ornamental plants)
Dr. Eng. ADAM WÓŁK, 1928 (forestry, agriculture, dendrology)
- RESEARCH** ● agriculture, forestry, dendrology, pedology
- LOAN** ● on the spot only
- EXCHANGE** ● not carried
- P & S WORKS** ● *Pamiętnik Puławski; Biuletyn Informacyjny IUNG*
- BOT GARDEN** ● ca 30 ha of the historical garden including 2 ha of dendrological garden with 340 taxa of trees and shrubs
- LITERATURE** ● KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. 35 pp., Jagiellonian University and the Polish Academy of Sciences (Cracow Centre), Cracow.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
WÓŁK A., STASIAK H., RĘBOWSKI B. 1987. Spis drzew i krzewów Ogrodu Puławskiego. 23 pp. Puławy

ROGÓW ● *Arboretum, Warsaw Agricultural University, Arboretum at Rogów (Arboretum, Szkoła Główna Gospodarstwa Wiejskiego) – ROGA*

ADDRESS ● Arboretum SGGW, 96–135 Rogów
tel. (46) 74–27–08 ext. 20; fax: (46) 74–34–09

FOUNDATION ● institution – 1925; herbarium – 1953

SPECIMENS ● 700 [vascular plants, mainly *Acer*]

GEOGR AREA ● Holarctic dendroflora

DIR & CUR ● Dr. hab. Eng. JERZY TUMIŁOWICZ, 1931 (dendrology and forestry, *Acer*, *Stewartia*, Chinese woody species)

RESEARCH ● introduction of Holarctic woody species, Chinese woody species, evaluation of foreign trees for Polish forestry

LOAN ● not available at present

EXCHANGE ● not carried

CUR PROCED ● specimens filed on herbarium sheets stored in wooden boxes. Sheet size 31 × 43,5 cm.

P & S WORKS ● *Index Seminum*

OTHER COLL ● collection of cones and berry-like cones – 240 taxa

BOT GARDEN ● arboretum 54 ha (outdoor collection of trees and shrubs – 2.300 taxa, indoor collection – 100 taxa, herbaceous plants in alpinarium – 300 taxa)

LIBRARY ● ca 500 items

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

RZESZÓW ● *Laboratory of Botany, Field Faculty of Economy of Agricultural Production, H. Kołłątaj Agricultural Academy in Cracow (Pracownia Botaniki, Wydział Ekonomiki Produkcji Rolniczej, Filia Akademii Rolniczej im. H. Kołłątaja w Krakowie) – RZS*

ADDRESS ● ul. M. Ćwiklińskiej 2, 35–959 Rzeszów
tel. (17) 412–55

FOUNDATION ● institution – 1973; collection – 1984

- SPECIMENS ● about 2.000 [vascular plants]
 HERBARIUM ● local collection, mainly weeds
 HEAD & CUR ● Dr. ZYGMUNT WNUK, 1942 (agroecology)
 STAFF ● M. Sc. DANUTA GRZEBYK (agroecology)
 RESEARCH ● flora and vegetation of cultivated areas in the Rzeszów province
 LOAN ● to local institutions only
 EXCHANGE ● not carried
 LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- SIEDLCE** ● *District Museum (Muzeum Okręgowe) – SMOK*
 REMARKS ● herbarium SMOK transferred to the Museum of Nature in Drozdowo (see **DROZDOWO**)
 LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- SIEDLCE** ● *Department of Botany, Teachers-Agricultural University (Zakład Botaniki Wyższej Szkoły Rolniczo-Pedagogicznej) – WSRP*
 ADDRESS ● ul. B. Prusa 12, 08–110 Siedlce
 tel. (25) 252–93, 252–94
 HOME PAGE ● <http://www.wsrp.siedlce.pl/~wyr01/>
 FOUNDATION ● institution – 1969; herbarium – 1971
 SPECIMENS ● total 22.750 [vascular plants – 22.030; lichenes – 720]
 GEOGR AREA ● regional herbarium, flora of Central East part of Poland
 HEAD ● Dr. MAREK T. CIOSEK, 1947 (geobotany)
 CURATOR ● Prof. Dr. ZYGMUNT GŁOWACKI, 1933 (geobotany)
 RESEARCH ● flora and vegetation of the Central Eastern part of Poland
 LOAN ● to recognized botanical institutions
 EXCHANGE ● not carried

- LITERATURE** ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- SŁUPSK** ● *Institute of Biology and Environment Protection, Pedagogical University (Zakład Botaniki, Instytut Biologii i Ochrony Środowiska, Wyższa Szkoła Pedagogiczna) – SLTC*
- ADDRESS** ● ul. Arciszewskiego 22, 76–200 Słupsk
tel. (59) 42–72–21; fax: (59) 42–42–75
- FOUNDATION** ● institution – 1969; herbarium – 1969
- SPECIMENS** ● ca 33.000 [vascular plants – 30.000; lichens – 3.000]
- GEOGR AREA** ● regional collection from the Pomerania, coastal areas, Siedlce and Słupsk region
- HEAD & CUR** ● Dr. IRENEUSZ IZYDOREK, 1950 (lichens of Pomerania)
- STAFF** ● M. Sc. ANNA KREFT (vascular plants of Pomerania)
M. Sc. MARIOLA TRUCHAN (vascular plants of Pomerania)
- RESEARCH** ● vascular plant and lichen flora of Central Pomerania
- LOAN** ● to local institutions only
- EXCHANGE** ● not carried
- CUR PROCED** ● specimens filed on herbarium sheets and stored in alphabetical order in boxes in holders
- P & S WORKS** ● *Słupskie Prace Matematyczno-Przyrodnicze*
- LITERATURE** ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- SMOŁDZINO** ● *Słowiński National Park (Słowiński Park Narodowy) – SPNH*
- ADDRESS** ● ul. Bohaterów Warszawy 1A, 76–214 Smołdzino
tel./fax: (59) 11–72–04, 11–73–39

- FOUNDATION ● institution – 1967; herbarium – 1989
- SPECIMENS ● ca 800 [vascular plants]
- GEOGR AREA ● vascular plants of the Słowiński National Park
- DIRECTOR ● M. Sc. Eng. ANDRZEJ WRÓBEL, 1962 (forestry)
- CURATOR ● M. Sc. ELŻBIETA PIETKUN, 1963 (botany)
- STAFF ● Dr. hab. JACEK HERBICH, 1944 (ecology of vascular plants)
- RESEARCH ● protection of the biological diversity of the Słowiński National Park, inventory of the flora and fauna of the Park, dynamic of ecological processes on the Łeba Bar
- EXCHANGE ● not carried
- CUR PROCED ● specimens are filed on herbarium sheets and stored in cardboard boxes in taxonomical order. Sheet size: 29 × 41,5 cm.
- LIBRARY ● ca 3.350 (books and booklets)
- SOSNOWIEC** ● *Chair and Department of Pharmaceutical Botany and Herbal Science, Silesian Medical Academy in Katowice* (Katedra i Zakład Botaniki Farmaceutycznej i Zielarstwa, Śląska Akademia Medyczna w Katowicach) – **SOSN**
- ADDRESS ● ul. Jagiellońska 4, 41–200 Sosnowiec
tel. (32) 193–33–29
- FOUNDATION ● institution – 1978; herbarium – 1978
- SPECIMENS ● total 23.000 [vascular plants – 1.000; bryophytes – 22.000]
- GEOGR AREA ● regional collection, mainly from Silesia and the West Carpathians
- DIRECTOR ● Prof. Dr. KRZYSZTOF JĘDRZEJKO, 1945 (mosses and vascular plants, floristics, phytosociology, Silesian region)
- CURATOR ● Dr. ADAM STEBEL, 1966 (bryophytes and vascular plants of Silesian region and the West Carpathians, floristics, phytosociology)

- STAFF ● M. Sc. ANNA GAŁUSZKA, 1971 (bryophytes and vascular plants of the West Carpathians, ecology, floristics, phytosociology)
M. Sc. BOŻENA KOWALCZYK, 1959 (bryophytes and vascular plants of the West Carpathians, ecology, floristics, phytosociology)
- RESEARCH ● flora and vegetation of S Poland
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – plants from the Silesian highland and the Western Beskids; *wanted* – plants of S Poland
- CUR PROCED ● vascular plants and bryophytes are filed on herbarium sheets and stored in wooden cabinets in taxonomical order
- P & S WORKS ● *Musci Macroregioni Meridionali; Poloniae Exsiccati Hepaticae Macroregioni Meridionali Poloniae Exsiccati*
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- SZCZECIN** ● Department of Botany, Faculty of Agriculture, Academy of Agriculture (Katedra Botaniki, Wydział Rolniczy, Akademia Rolnicza) – **SZCZ**
- ADDRESS ● ul. J. Słowackiego 17, 71–434 Szczecin
tel. (91) 760–71, ext. 250, 252, 341
- FOUNDATION ● institution – 1955; herbarium – 1955
- SPECIMENS ● total 13.700 [vascular plants – 4.500; bryophytes – 7.000; macrofungi – 2.000; marine algae – 200]
- GEOGR AREA ● regional collection, mainly from NW Poland
- HEAD & CUR ● Dr. STEFAN FRIEDRICH (mycology, systematics, sociology, ecology and phenology of *Macromycetes*; phytosociology of forest plant communities, nature protection)
- RESEARCH ● geobotany, floristics (vascular plants, bryophytes,

macrofungi, algae), nature protection, landscape management

LOAN ● to recognized botanical institutions

EXCHANGE ● not carried

CUR PROCED ● specimens filed on herbarium sheets and stored in taxonomical order in cabinets or in cardboard boxes in holders. Sheet jacket size: 29 × 42 cm (vascular plants) and 14,5 × 21 cm (bryophytes)

P & S WORKS ● *Zeszyty Naukowe Akademii Rolniczej w Szczecinie*

OTHER COLL ● ca 140 slides of European *Sphagnum* species (each species represented by three slides)

LIBRARY ● 1.700 books, 30 journals – specialized detachment of the main library of the Academy of Agriculture

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

SZCZECIN ● *Department of Plant Pathology, Academy of Agriculture, Szczecin* (Katedra Fitopatologii, Akademia Rolnicza w Szczecinie) – **SZPA**

ADDRESS ● ul. Słowackiego 17, 71–434 Szczecin
tel. (91) 760–71 ext. 229

FOUNDATION ● institution – 1954; herbarium – 1982

SPECIMENS ● 1.110 [vesicular-arbuscular mycorrhizal fungi (*Endogonaceae*) and E-strain ectendomycorrhizal fungi from Poland, Germany and former Czechoslovakia]

DIRECTOR ● Doc. Dr. TADEUSZ MADEJ (plant ecology)

CURATOR ● Dr. JANUSZ BŁASZKOWSKI (plant pathology, taxonomy of the *Endogonaceae*)

RESEARCH ● taxonomy, occurrence and geographic distribution of the *Endogonaceae* in Poland

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* and *wanted* – any specimens of *Endogonaceae*

CUR PROCED ● specimens mounted on microscopic slides in poly-

vinyl alcohol solutions, with or without lactophenol and in formaldehyde in small vials

- P & S WORKS** ● *Zeszyty Naukowe Akademii Rolniczej w Szczecinie*
- REMARKS** ● all specimens are stored in the Department of Plant Pathology
- LITERATURE** ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- SZCZECIN** ● *Departament of Botany, Szczecin University (Katedra Botaniki, Uniwersytet Szczeciński) – SZUB*
- ADDRESS** ● ul. Felczaka 3a, 71–412 Szczecin
tel. (91) 23–01–28, 22–64–11 ext. 207, 201
- FOUNDATION** ● institution – 1986; herbarium – 1987
- SPECIMENS** ● total 8.800 [vascular plants – 6.500; bryophytes – 300; fungi – 2.000]
- GEOGR AREA** ● regional collection (plants of the Szczecin and Kielce region)
- DIR & CUR** ● vacat
- STAFF** ● Dr. AGNIESZKA POPIELA, 1962 (floristics, phytosociology, phytogeography); e-mail: agnieszka_popiela@sus.univ.szczecin.pl
M. Sc. BOŻENA PRAJS, 1956 (floristics, phytogeography, phytosociology); e-mail: bożena_prajs@sus.univ.szczecin.pl
M. Sc. ZOFIA SOTEK, 1958 (ecology of *Plantago coronopus*); e-mail: zofia_sotek@sus.univ.szczecin.pl
M. Sc. MAŁGORZATA STASIŃSKA, 1964 (mycology – macromycetes of NW Poland); e-mail: małg_stasinska@sus.univ.szczecin.pl
- RESEARCH** ● flora, vegetation and fungi of Pomerania
- LOAN** ● to recognized botanical institutions
- EXCHANGE** ● not carried
- CUR PROCED** ● specimens are filed on herbarium sheets and stored in boxes. Sheet size: 31 × 43 cm
- LITERATURE** ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

- TORUŃ** ● *Institute of Biology and Environment Protection, N. Copernicus University (Instytut Biologii, Uniwersytet im. M. Kopernika) – TRN*
- ADDRESS** ● ul. Gagarina 9, 87–100 Toruń
tel. (56) 144–53; fax: (56) 144–78
- HOME PAGE** ● <http://www.biol.uni.torun.pl/>
- FOUNDATION** ● institution – 1945; herbarium – 1946 (19th century)
- SPECIMENS** ● total ca 200.800 [vascular plants – 195.000 (including, herbarium of J. ZABŁOCKI and K. KĘPCZYŃSKI); bryophytes – 3.000; lichens – 2.000; fungi – 800]
- GEOGR AREA** ● world-wide collection with emphasis on Holarctic plants and arctic flora of Spitsbergen
- IMPORT COLL** ● collections of the former Gdańsk Museum (19th century); M. E. H. GRUTTER, F. KALMUSS, E. KOEHNE (dendrological flora), C. F. H. VON LUDWIG, F. SPRIBILLE (*Rubus*) and other collections from Australia, Japan and USA; M. CEYNOWA-GIELDON (steppe flora), W. GUGNACKA (Poland, Spitsbergen), K. KĘPCZYŃSKI (Central Poland), M. BOIŃSKI (Tuchola Forest), M. REJEWSKI (Poland), L. RUTKOWSKI (Poland, plants from Botanical Garden), A. ZIELSKI (Brodnica Lake District)
- TYPES** ● several paratypes
- DIRECTOR** ● Prof. Dr. MARIAN REJEWSKI, 1937 (aquatic plants, ecology, usable plants, history of botany); e-mail: rejewski@biol.uni.torun.pl
- CURATOR** ● Dr. hab. WANDA GUGNACKA-FIEDOR, 1945 (taxonomy of *Ericaceae*, arctic flora and vegetation); e-mail: wgfiedor@biol.uni.torun.pl
- STAFF** ● Dr. ADAM BARCIKOWSKI, 1949 (ecology of vascular plants, succession); e-mail: barcik@biol.uni.torun.pl
Dr. URSZULA BOIŃSKA, 1941 (taxonomy of vascular plants, Polish mosses); e-mail: boinska@biol.uni.torun.pl
Dr. MARIAN BOIŃSKI, 1936 (flora and vegetation of

Poland, mainly of the Tuchola Forest); e-mail: boinski@biol.uni.torun.pl

Prof. Dr. MIROŚLAWA CEYNOWA-GIĘLDON, 1937 (flora and vegetation of Poland); e-mail: ceynowa@biol.uni.torun.pl

Dr. WIEŚLAW CYZMAN, 1955 (flora and vegetation of Central Poland); e-mail: cyzman@biol.uni.torun.pl

Dr. ANNA FILBRANDT-CZAJA, 1959 (palynology); e-mail: afczaja@biol.uni.torun.pl

Dr. IRENA HOŁOWNIA, 1923 (mycology)

Dr. MARTA LUŚCIŃSKA, 1946 (algology); e-mail: luscin@biol.uni.torun.pl

Dr. ANDRZEJ NIENARTOWICZ, 1947 (ecology of vascular plants); e-mail: nienart@biol.uni.torun.pl

Dr. LUCJAN RUTKOWSKI, 1954 (flora and vegetation); e-mail: lrutkow@biol.uni.torun.pl

M. Sc. RAFAŁ SOSKA, 1972 (algology); e-mail: soska@biol.uni.torun.pl

Dr. TOMASZ ZAŁUSKI, 1948 (flora and vegetation); e-mail: zaluski@biol.uni.torun.pl

Dr. ANDRZEJ ZIELSKI, 1940 (dendrochronology); e-mail: zielski@biol.uni.torun.pl

RESEARCH ● flora, vegetation and ecology of N and Central Poland, Arctic and Antarctic

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – vascular plants from North and Central Poland; *wanted* – plants of all groups from different regions of the world (especially *Ericaceae*, mountain and arctic plants of the Holarctic)

CUR PROCED ● specimens of vascular plants are filed on herbarium sheets and stored in cardboard boxes in wooden cabinets in taxonomical order. Sheet size: 28,5 × 42,5 cm. Bryophytes and lichens are filed in envelopes and stored in cardboard boxes in wooden cabinets.

P & S WORKS ● *Acta Universitatis Nicolai Copernici (Biologia); Exsiccata Toruniensia*

- OTHER COLL ● iconotheca of *Desmidiales* – about 6.000 (Dr. ANDRZEJ OLEKSOWICZ)
- DATA BASES ● distribution of halophytes in Kujawy (300 stands), phytosociological records from saline environments in Poland (600) – A. NIENARTOWICZ
- BOT GARDEN ● recently established
- HEAD ● Dr. LUCJAN RUTKOWSKI
- LIBRARY ● ca 32.000 volumes [books and booklets – 24.000; periodicals – 8.000] – common property of the Institute of Biology and the Institute of Environment Protection
- LITERATURE ● GUGNACKA-FIEDOR W. 1983. Original herbarial materials of the XIX c. in the Herbarium of the Institute of Biology. *Acta Univ. N. Coprnici, Biol.* **24**: 125–128.
- HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
- MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

USTRZYKI DOLNE ● *The Research and Educational Centre of the Bieszczady National Park (Ośrodek Naukowo-Dydaktyczny Bieszczadzkiego Parku Narodowego) – BNPH*

- ADDRESS ● ul. Belska 7, 38–700 Ustrzyki Dolne
tel./fax: (13171) 1091
- FOUNDATION ● national park – 1973; research and educational centre – 1989; herbarium – 1992
- SPECIMENS ● 2.460 [vascular plants]
- GEOGR AREA ● the Bieszczady Mts and National Park
- DIRECTOR ● M. Sc. TOMASZ WINNICKI, 1952 (plant communities of mountain meadows, floristics)
- CURATOR ● M. Sc. Eng. STANISŁAW KUCHARZYK, 1967 (forest communities, ecology of upper forest limit, floristics)
- STAFF ● M. Sc. RYSZARD PRĘDKI, 1969 (plant ecology)

- RESEARCH ● flora and vegetation and Park, dynamics of plant communities in the Bieszczady National Park
- LOAN ● on the spot only
- EXCHANGE ● *available* – plants from the Bieszczady Mts; *wanted* – plants from the Eastern Carpathians
- CUR PROCED ● specimens are filed on sheets and stored in wooden cabinets in a mixed system (families in taxonomical order, genera alphabetically). Sheet size 29 × 42 cm.
- P & S WORKS ● *Roczniki Bieszczadzkie*
- DATA BASES ● „*Herbarium of the Bieszczady National Park*”, (.dbf – FoxPro for Windows v. 2,6) – 2.451 records, available on the spot only
- LIBRARY ● 1.660 – books, 4.000 – periodicals
- WAŁBRZYCH** ● *Regional Museum (Muzeum Okręgowe) – WALM*
- ADDRESS ● ul. 1 Maja 9, 58–300 Wałbrzych, tel. (74) 248–45
- FOUNDATION ● institution – 1926; herbarium – 1908
- SPECIMENS ● 3.549 [fossil plants]
- GEOGR AREA ● Silesian fossil plants
- IMPORT COLL ● FRANZ ZIMMERMANN, EUFROZYN SAGAN
- TYPES ● some of *Lycopodiinae*, *Equisetinae*, *Coenopteridales*
- DIRECTOR ● M. Sc. STANISŁAW ZYDLIK (law)
- CURATOR ● M. Sc. IWONA SZYDŁOWSKA (biology)
- STAFF ● ILONA JAWORSKA, 1963 (paleozoology, mineralogy, petrography)
- RESEARCH ● fossil flora of Silesia
- LOAN ● not available at present
- EXCHANGE ● not carried
- CUR PROCED ● cardboard in wooden shelves
- REMARKS ● the other part of ZIMMERMANN'S collection is stored at the Institute of Geological Sciences, Wrocław University
- LIBRARY ● ca 260 volumes, 10 periodicals

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

SAGAN E. 1983. Atlas roślin karbońskich (na podstawie zbiorów Muzeum Okręgowego w Wałbrzychu). Rośliny skrzypowe (*Equisetophyta*). Rośliny widłakowe (*Lycopodiinae*). pp. 80. Wałbrzych.

WARSZAWA ● *Department of Plant Systematics and Geography, Institute of Botany, Warsaw University (Zakład Systematyki i Geografii Roślin, Instytut Botaniki, Uniwersytet Warszawski) – WA*

HOME PAGE ● <http://www.bot.astrouw.edu.pl/>

ADDRESS ● Aleje Ujazdowskie 4, 00–478 Warszawa, tel. (22) 628–75–15, 628–25–94; fax: (22) 622–66–46, e-mail: herb@bot.astrouw.edu.pl

HOME PAGE ● <http://www.bot.astrouw.edu.pl/>

FOUNDATION ● institution – 1919; herbarium – former herbarium of the Botanic Garden of Warsaw University founded 1818

SPECIMENS ● total ca 300.700 [vascular plants – 205.000; bryophytes – 50.000; fungi and myxomycetes – 28.700; lichens – 11.000; algae – 6.000]

GEOGR AREA ● world-wide, all groups

IMPORT COLL ● vascular plants – F. BŁOŃSKI, H. CZECZOTT (Crimea, Turkey), K. DRYMMER, B. HRYNIEWIECKI, F. KARO, S. KRUPKO (Africa, SW Asia), W. LACKOWITZ (*Carex*), K. ŁAPCZYŃSKI, W. MATUSZKIEWICZ, K. NOWAK, T. WIŚNIEWSKI, J. ZABŁOCKI (*Carex* and *Viola*); bryophytes – T. CHAŁUBIŃSKI reference herbarium to *Enumeratio Muscorum frondosorum tatrensiu hucusque cognitorum*, G. L. RABENHORST, T. WIŚNIEWSKI (Africa); fungi – K. DRYMMER, L. GARBOWSKI, A. MICHALSKI, W. and J. ZABŁOCKI

DIRECTOR ● Dr. hab. ALICJA BOROWSKA, 1940 (mycology)

CURATOR ● Dr. KRZYSZTOF SPALIK, 1961 (taxonomy and ecology of *Apiaceae*, particularly tribe *Scandiceae*;

molecular taxonomy; plant reproductive strategies);
e-mail: spalik@bot.astrouw.edu.pl

STAFF ● Dr. IRENEUSZ MORACZEWSKI, 1964 (numerical taxonomy); e-mail: moraczew@bot.astrouw.edu.pl

Prof. Dr. ALINA SKIRGIELŁO (retired), 1911, (saprophytic higher fungi, history of mycology, palaeobotany)

Dr. HANNA SZYMAŃSKA, 1945 (taxonomy and chorology of algae, particular epiphytic *Chlorophyceae*)

M. Sc. MARTA WRZOSEK (taxonomy of fungi – *Mucorales*, coprophytic fungi); e-mail: beblows@bot.astrouw.edu.pl

Dr. BOŻENA ZAKRYŚ, 1953 (taxonomy of green euglenoids, particular *Euglena*, molecular taxonomy); e-mail: zakrys@bot.astrouw.edu.pl

RESEARCH ● fungi and algae of NW Poland (particular of the Białowieża, Biebrza and Wigry National Parks), molecular taxonomy, numerical taxonomy

LOAN ● to recognized botanical institutions

EXCHANGE ● *available* – plants of all groups, chiefly from Poland; *wanted* – plants of all groups

CUR PROCED ● specimens of vascular plants mounted on herbarium sheets are kept in cardboard boxes, vascular plants arranged according to ENGLER & PRANTL'S – *Die natürlichen Pflanzenfamilien*, fungi according to the system of Ainsworth. Sheet size: 28,5 × 45,5 cm.

BOD GARD ● Botanical Garden of the Warsaw University is a separate administrative unit (for information see <http://www.bot.astrouw.edu.pl/EDEN/garden.html>)

LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

WARSZAWA ● *Division of Palaeobotany, Museum of the Earth, Polish Academy of Sciences* (Dział Paleobotaniki, Muzeum Ziemi, Polska Akademia Nauk) – **WAME**

- ADDRESS ● Al. Na Skarpie 20/26 i 27, 00–488 Warszawa
tel. (22) 629–80–61
- FOUNDATION ● institution – 1948; herbarium – 1948
- SPECIMENS ● total 6.792 [leaves of vascular plants – ca 2.000 samples; carpological collection – 2.120 samples; collection of epithelia – ca 1.000 slides; collection of pollen and spores – 1.672 slides; musci – 160 slides]
- GEOGR AREA ● herbarium – comparative collection of plants from various regions
- DIRECTOR ● Prof. Dr. KRZYSZTOF JAKUBOWSKI
- HEAD & CUR ● M. Sc. ZOFIA BARANOWSKA-ZARZYCKA, 1936 (palaebotany)
- LOAN ● not available at present
- EXCHANGE ● not carried
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- WARSZAWA** ● *Department of Plant Pathology, Faculty of Horticulture, Warsaw Agricultural University (Katedra Fitopatologii, Wydział Ogrodniczy, Szkoła Główna Gospodarstwa Wiejskiego) – WAUF*
- ADDRESS ● ul. Nowoursynowska 166, 02–787 Warszawa
tel. (22) 43–90–41, ext. 1112, 1115
- HOME PAGE ● <http://www.sggw.waw.pl/>
- FOUNDATION ● institution – 1921; herbarium – 1922
- SPECIMENS ● ca 5.000 [pathogenic microfungi]
- GEOGR AREA ● Europe, Asia and N America (chiefly *Peronosporales*, *Uredinales* and *Ustilaginales*)
- IMPORT COLL ● A. WRÓBLEWSKI, W. SIEMASZKO, J. KOCHMAN, T. MAJEWSKI
- DIRECTOR ● Prof. Dr. SELIM KRYCZYŃSKI
- STAFF ● Prof. Dr. TOMASZ MAJEWSKI, 1940 (taxonomy, *La-boulbeniales*)
- RESEARCH ● diseases of cultivated and ornamental plants

- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – *Mycotheca Polonica*; *wanted* – pathogenic microfungi from Europe, Asia and N America
- CUR PROCED ● specimens are stored in envelopes in cardboard boxes in wooden cabinets
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- WARSZAWA** ● *Botanical Garden of the Polish Academy of Sciences* (Ogród Botaniczny Polskiej Akademii Nauk)
- ADDRESS ● ul. Prawdziwka 2, 02–973 Warszawa-Powsin 34
tel. (22) 42–79–01, 651–78–37; fax: (22) 757–66–45; e-mail: obpan@ikp.atm.com.pl
- FOUNDATION ● institution – 1974
- SPECIMENS ● Botanical Garden gathers living plant collections, seed bank and *in vitro* cultures only
- DIRECTOR ● Doc. Dr. JERZY PUCHALSKI, 1947 (genetics, biosystematics, biochemistry)
- CURATOR ● herbaceous plant collections – M. Sc. WIESŁAW GAWRYŚ, 1954 (ornamental horticulture – exotic plants, ferns)
woody plants collections, nurseries – M. Sc. ANDRZEJ MARCZEWSKI, 1947 (dendrology – *Ericaceae*, dwarf and slowly growing)
- STAFF ● Dr. PIOTR BEDNAREK, 1960 (molecular plant biology, biochemistry)
M. Sc. HELENA BELT, 1939 (phytosociology)
M. Sc. ALDONA BURSKA, 1961 (endangered plant species)
Dr. WALDEMAR CHMIELEWSKI, 1951 (urban ecology, ecotoxicology)
M. Sc. KATARZYNA CHWEDORZEWSKA, 1967 (molecular plant biology, biosystematics)
M. Sc. URSZULA CIEŚLIKOWSKA, 1947 (plant protection)

- Dr. WOJCIECH DMUCHOWSKI, 1949 (applied ecology, biochemistry)
- M. Sc. HALINA GALERA, 1966 (plant systematics)
- M. Sc. KATARZYNA GOLLER, 1951 (exotic plants)
- M. Sc. ALINA KACZKOWSKA, 1958 (dendrology – *Ericaceae*)
- M. Sc. MAŁGORZATA KOWALSKA, 1954 (ornamental horticulture – perennials)
- Dr. EWA KURCZYŃSKA, 1956 (wood anatomy)
- Dr. JACEK MARCINKOWSKI, 1946 (ornamental horticulture – bulbous plants)
- B. S. ANNA MARTYNISZYN, 1952 (agronomy – *Secale* collection)
- M. Sc. HANNA MAĆCZYŃSKA, 1954 (medicinal plants)
- M. Sc. MONIKA MAZUR, 1969 (education of environment ecology and protection for schools)
- M. Sc. ANNA MIKUŁA, 1965 (plant biotechnology)
- M. Sc. ROMAN MURANYI, 1953 (seed storage)
- M. Sc. MACIEJ NIEDZIELSKI, 1953 (seed biology, crop genetic resources conservation)
- M. Sc. LIDIA OZIMKOWSKA, 1957 (landscape planning)
- Dr. HALINA RATYŃSKA, 1955 (botany – phytosociology)
- Dr. JAN RYBCZYŃSKI, 1947 (biotechnology)
- M. Sc. JOLANTA SIUDA, 1959 (endangered plants)
- M. Sc. AGATA SKRZYP, 1969 (endangered plants)
- M. Sc. GRAŻYNA SOBIECKA, 1957 (seed exchange through *Index Seminum*)
- Dr. STANISŁAW SUPLAT, 1950 (plant ecology)
- M. Sc. MAGDALENA ŚWIADER, 1958 (genetics of vegetable crops)
- M. Sc. HANNA UZDOWSKA-OLEJNICZAK, (cereals collection)
- M. Sc. MARTA WALNIK-DZIUBIAK, 1960 (pomology)
- M. Sc. MARTA ZIELIŃSKA, 1948 (propagation of woody plants)

M. Sc. BOŻENA ŻACH, 1959 (botany education for schools)

- RESEARCH ● *ex situ* conservation of rare, endangered and threatened plants in Poland; crop genetic resources collection, evaluation and utilization; long-term seed storage; plant biosystematics and population genetics; plant biotechnology (*in vitro* cultures, somatic embryogenesis); urban trees biology; biomonitoring of environmental pollution
- EXCHANGE ● *Index seminum; Index plantarum*
- P & S WORKS ● *Bulletin of Botanic Garden; Museum and Collections; Reports of the Botanical Garden of the Polish Academy of Sciences; Index Seminum; Index Plantarum*
- OTHER COLL ● I. Living plant collections: 9.240 taxa (outdoor plants – 7.680 taxa, Polish vascular flora – 775 species; horticultural plants – 4.200 taxa; agricultural crops – 2.052 taxa. Indoor plants – 1.560).
 II. Seed bank (low and ultra-low temperature seed storage) – ca 2.250 samples.
 III. *In vitro* cultures (*Gentiana* – 4 species, ferns – 8 species).
- DATA BASES ● Data base EDEN on plant collections
- LIBRARY ● total – 13.643 [books – 8.284; journals – 5.350 volumes]
- WROCŁAW** ● *Department of Botany and Plant Physiology, Academy of Agriculture (Katedra Botaniki i Fizjologii Roślin, Akademia Rolnicza) – WRAB*
- ADDRESS ● ul. Cybulskiego 32, 50–205 Wrocław
 tel. (71) 21–25–64
- FOUNDATION ● institution – 1945; collection – 1945
- SPECIMENS ● total 12.100 [vascular plants – 10.000; bryophytes – 1.000; lichens – 1.000; algae – 100]
- GEOGR AREA ● local collection, chiefly from Lower Silesia, bryophytes from the Sudety Mts, vascular plants from Polish peat-bogs

- TYPES ● type material of *Ducellieria corcontica* Mat. (alga)
- HEAD ● Prof. Dr. JERZY FABISZEWSKI, 1936 (plant ecology, lichens)
- CURATOR ● Dr. BRONISŁAW WOJTUŃ, 1955 (plant ecology, *Sphagnum*)
- STAFF ● Dr. JAN MATUŁA, 1943 (algae)
Dr. JERZY ZABAWSKI, 1933 (fungi, myxomycetes)
- RESEARCH ● plant physiology, ecology, floristics
- LOAN ● to local institutions only
- EXCHANGE ● *available* and *wanted* – specimens of *Sphagnum*
- CUR PROCED ● specimens are filed on herbarium sheets and stored in cardboard boxes in holders in alphabetical order. Sheet size: 26 × 42 cm.
- REMARKS ● in herbarium there are two separate collections: J. FABISZEWSKI'S collection of lichens and vascular plants from Eastern Canada; seeds of *Carex* species (ca 2.000 samples) – curated by Doc. Dr. ADAM PAŁCZYŃSKI
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
- WROCLAW** ● *Department of Phytopathology, Academy of Agriculture (Katedra Fitopatologii, Akademia Rolnicza) – WRAF*
- ADDRESS ● ul. Cybulskiego 32, 50–205 Wrocław
tel. (71) 22–97–21
- FOUNDATION ● institution – 1946; herbarium – 1956
- SPECIMENS ● over 2.000 [microfungi]
- GEOGR AREA ● microfungi of Poland
- HEAD & CUR ● Prof. Dr. WANDA TRUSZKOWSKA, 1917 (phytopathology, mycology – *Pyrenomyces*)
- RESEARCH ● taxonomy and chorology of *Pyrenomyces* and *Deuteromyces* in Poland
- LOAN ● to recognized botanical institutions

CUR PROCED ● in envelopes, on herbarium sheets stored in cardboard boxes

LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

WROCLAW ● *Museum of Natural History, University of Wrocław* (Muzeum Przyrodnicze, Uniwersytet Wrocławski) – **WRSŁ**

ADDRESS ● ul. H. Sienkiewicza 21, 50–335 Wrocław
tel. (71) 22–86–14

FOUNDATION ● institution – 1976; herbarium – 1821

SPECIMENS ● total ca 500.000 [vascular plants – ca 400.000; bryophytes – 27.000; fungi and myxomycetes – 38.400; lichens 22.000; algae 12.600]

IMPORT COLL ● C. G. BAENITZ (Europe, America), J. BORNMÜLLER – (cryptogamic plants), H. HANDEL-MAZZETTI (China), F. K. KARO (Poland), A. KRAWIEC (Silesia), H. KRZEMIENIEWSKA (myxomycetes, Poland), K. A. LAUTERBACH (50.000 specimens, including many types from Australia, Phillipines, New Guinea, New Zealand and other regions), K. G. LIMPRICHT (bryophyta, Silesia), F. PAX (Tatra Mts), G. L. RABENHORST (cryptogamic plants, Europe), F. REINECKE (Samoa), B. SCHRÖDER (cryptogamic plants, East Africa, Silesia), J. SCHRÖTER (fungi, myxomycetes, Silesia), T. SCHUBE (Silesia), H. F. VON THÜMEN (fungi), J. E. TILDEN (algae, America), R. UECHTRITZ (Silesia), H. WINKLER (East Africa), G. ZENKER (Cameroon)

Moreover, there is also housed the historical PAOLO (SILVIO) BOCCONE herbarium (17th century).

DIRECTOR ● Prof. Dr. ANDRZEJ WIKTOR, 1931 (malacology)

CURATOR ● Dr. WANDA STOJANOWSKA, 1939 (myxomycetes of Silesia, flora of Silesia)

STAFF ● M. Sc. HALINA CHARYTONOWICZ, 1953 (flora)

M. Sc EDWARD KOZIOŁ, 1938 (lichens, vascular plants)

M. Sc. KRZYSZTOF ŚWIERKOSZ, 1966 (vascular flora of the Sudety Mts., rare and threatened vascular plants in Silesia, mountain plant communities, nature protection)

- RESEARCH ● flora of Silesia
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – *Flora Silesiaca Exsiccata*; *wanted* – all systematic groups from various regions of the world
- CUR PROCED ● specimens are mounted on herbarium sheets and stored in cardboard boxes in taxonomical order (Engler's system). Sheet size: 24 × 39 cm (old Silesian herbarium) and 24 × 42,5 cm (the remaining).
- P & S WORKS ● *Flora Silesiaca Exsiccata*; *Katalog zbiorów Zielnika Muzeum Przyrodniczego*
- OTHER COLL ● there are housed three separate collections: 1 – Lower Silesian myxomycetes (W. STOJANOWSKA); 2 – collection of timber (wood) samples – 1.000; 3 – special museum plant collection – 1.800.
- DATA BASES ● „*Catalogue of Pteridophyta*” (in progress). So far, ca 3.000 specimens were stored in data base which will be accessible through Internet in 1988. The base contains all information on a specimen: name, family, date and the collector's name, locality and additional information (more than 20 fields). The data base will be completed successively. The catalogues of cryptogamic plants (*Myxophyta*, *Fungi*, *Euglenophyta*, *Pyrrophyta*, *Chrysophyta*, *Phaeophyta*, *Rhodophyta*, *Bryophyta*) were published as a separate volumes (see LITERATURE).
- BOT GARDEN ● Botanical Garden of Wrocław University, ul. Sienkiewicza 23, 50–335 Wrocław. The Garden is a separate administrative unit.
- LITERATURE ● BERDOWSKI W., WILCZYŃSKA W. 1976. Katalog zbiorów Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego 6. *Bryophyta*, Część 1 [Catalogus plantarum, quae in Herbario Instituti Botanici Universitatis Wratislaviensis asservantur 6. *Bryophyta* Pars 1]. In: Katalog zbiorów

Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego, pp. 77–194, Uniwersytet Wrocławski, Wrocław.

BERDOWSKI W., WILCZYŃSKA W. 1981. Katalog zbiorów Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego 8. *Bryophyta*, Część 2 [Catalogus plantarum, quae in Herbario Instituti Botanici Universitatis Wratislaviensis asservantur 8. *Bryophyta* Pars 2]. In: Katalog zbiorów Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego, pp. 3–80, Uniwersytet Wrocławski, Wrocław.

HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.

KORNAŚ J., ZURZYCKI J. 1959. Botany in Poland. 35 pp. Jagiellonian University and the Polish Academy of Sciences (Cracow Centre). Cracow.

KOZIOŁ E., ŚWIERKOSZ K. 1995. Flora Workuty w zbiorach Zielnika Muzeum Przyrodniczego Uniwersytetu Wrocławskiego – zielnik katorżnika, Piotra Adasia, z lat 1954–1956. *Wiad. Bot.* **39**(1/2): 147–152.

MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.

ROSTAŃSKI K. 1963. Historia Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego. *Acta Universitatis Wratislaviensis* 14, *Prace Botaniczne* **1**: 283–304.

ROSTAŃSKI K. 1971. Katalog zbiorów Zielnika Instytutu Botanicznego Uniwersytetu Wrocławskiego 1. [Catalogus plantarum, quae in Herbario Instituti Botanici Universitatis Wratislaviensis asservantur 1]. *Acta Universitatis Wratislaviensis* 134, *Prace Botaniczne* **12**: 69–110.

ROSTAŃSKI K., WERETELNIK E. 1973 (1972). Catalogus plantarum, quae in Herbario Instituti Botanici Universitatis Wratislaviensis asservantur 3. Herbarium Lauterbach pars 1. (The Lauterbach's Herbarium part 1). *Acta Universitatis Wratislaviensis* 171, *Prace Botaniczne* **16**: 77–90.

SEAWARD M.R.D. 1981. Lichen Herbarium in the Botanical Institute, University of Wrocław (WRSL). *Lichenologist* **13**: 309–310.

SEAWARD M.R.D. 1982. University of Wrocław Lichen Herbarium. *Nova Hedwigia* **36**: 17–31.

STOJANOWSKA W. 1971. Katalog zbiorów Zielnika Insty-

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ZAGÓRSKA-MAREK B., RICHTER H. G. 1990. The old wood collection at Wrocław (Poland). *IAWA Bulletin*, n.s. **11**(1): 102–104.

ZAKOPANE ● *Tytus Chałubiński Tatra Museum* (Muzeum Tatrzańskie im. Tytusa Chałubińskiego) – **ZAMU**

ADDRESS ● ul. Krupówki 10, 34–500 Zakopane
tel. (165) 152–05, 12–39; fax; (165) 638–72

FOUNDATION ● institution – 1888; herbarium – 1888

- SPECIMENS ● total 7.972 [vascular plants – 6.402; bryophytes – 615; lichenes – 216; fungi and myxomycetes – 114; algae – 25 and 600 slides of mosses]
- GEOGR AREA ● local collection; plants from the Tatra Mts and Subtatra region – all taxonomical groups
- IMPORT COLL ● T. CHALUBIŃSKI (mosses)
- TYPES ● 10 types (3 holotypes; 5 syntypes, 1 isolectotype, 1 lectotype)
- DIRECTOR ● M. Sc. TERESA JABŁOŃSKA
- CURATOR ● M. Sc. GRAŻYNA CISŁO, 1957 (vascular plants, floristics)
- LOAN ● not available at present
- EXCHANGE ● not carried
- CUR PROCED ● Specimens are filed on herbarium sheets or in jackets and stored in wooden cabinets in taxonomical order. Sheet size: 30,5 × 43 cm and 31,5 × 47 cm.
- P & S WORKS ● *Rocznik Podhalański*
- DATA BASES ● computer data bases and card-index concerning the Tatra Mts and Subtatra region – 5.200 records
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.
 OCHYRA R. 1995. T. Chalubińskis works on the Tatra mosses. *Fragm. Flor. Geobot.* **40**(2): 893–898.
- ZAKOPANE** ● *Tatra Field Station, Institute of Nature Protection, Polish Academy of Sciences* (Tatrzańska Stacja Terenowa, Instytut Ochrony Przyrody, Polska Akademia Nauk) – **ZTS**
- ADDRESS ● Antałówka 7, 34–500 Zakopane
 tel. (165) 26–51
- FOUNDATION ● institution – 1951; collection – 1951
- SPECIMENS ● total 11.080 [vascular plants – 8.500; bryophytes – 1.450; fungi – 130]
- HERBARIUM ● regional collection, mainly vascular plants of the Tatra Mts and Subtatra Region
- HEAD & CUR ● Doc. Dr. HALINA PIĘKOŚ-MIRKOWA, 1939 (vari-

ability, distribution and ecology of rare endangered and endemic species in the Western Carpathians; biotaxonomy and distribution of pteridophytes – *Dryopteris*, *Cystopteris* and *Polystichum*)

- STAFF ● M. Sc. ANNA KUCIEL, 1959 (ecology of *Crocus*)
- RESEARCH ● flora and vegetation of the Tatra Mts and Subtatra region; taxonomy, distribution and ecology; rare, endangered and endemic species of the Tatra region; *ex situ* and *in situ* plant protection; plant species protection in Poland
- LOAN ● to recognized botanical institutions
- EXCHANGE ● *available* – vascular plants of the Carpathians; *wanted* – vascular plants of the mountains of Europe
- P & S WORKS ● *Index Seminum*
- BOT GARDEN ● M. Raciborski Mountain Botanical Garden in Zakopane – 1,2 ha. Specialized in *ex situ* protection of rare, endemic and endangered species of the Tatra Mts and Podhale region. Living collection of over 600 Tatra's vascular plant species. Open for visitors.
- OTHER COLL ● seed collection – over 1.000 species from the Tatra Mts and Subtatra region
- LITERATURE ● HOLMGREN P. K., HOLMGREN N. H., BARNETT L. C. 1990. Index Herbariorum. Part I: The Herbaria of the World. *Regnum Vegetabile* **120**: 1–693.
MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series* **2**: 1–73.
- ZWIERZYNIEC** ● Roztocze National Park (Roztoczański Park Narodowy) – **RPNH**
- ADDRESS ● ul. Plażowa 2, 22–470 Zwierzyniec
tel. (84) 87–22–86, 87–20–70; fax: (84) 87–20–66
- FOUNDATION ● institution – 1974; herbarium – 1977
- SPECIMENS ● ca 212 [vascular plants]
- GEOGR AREA ● the Roztocze National Park and its buffer zone

- DIRECTOR ● M. Sc. F. ZDZISŁAW KOTUŁA
- STAFF ● M. Sc. F. ZBIGNIEW MACIEJEWSKI, 1962 (forestry, natural forest dynamics, nature protection)
- RESEARCH ● inventory, forest dynamics, biodiversity assessments, conservation of nature of the Park
- LOAN ● limited
- EXCHANGE ● not carried
- CUR PROCED ● specimens are filed on herbarium sheets and stored in metal cabinets in taxonomical order. Sheet size: A₃
- LIBRARY ● 7.291 items

PRIVATE HERBARIA

GRZEGORZEK PIOTR – *hb. Grz.*

- ADDRESS ● 32–500 Chrzanów, ul. Mickiewicza 13
tel. (35) 352–73
- SPECIMENS ● total: 11.432 [vascular plants – 2.232; fungi – 9.200]
- GEOGR AREA ● vascular plants as in CHRZ; fungi chiefly from S. Poland
- REMARKS ● Collection successively incorporated to CHRZ
- LITERATURE ● MIREK Z. 1990. Polish Herbaria. *Polish Bot. Stud. Guidebook Series 2*: 1–73.

KUKWA MARTIN – *hb. Kuk.*

- ADDRESS ● ul. Chłopska 14B/14, 80–399 Gdańsk
- SPECIMENS ● ca 1.500 [lichens]
- GEOGR AREA ● N Poland
- RESEARCH ● Flora of the Elbląg region
- CUR PROCED ● Lichens filed in envelopes and stored in cardboard boxes

MIREK ZBIGNIEW, PIĘKOŚ-MIRKOWA HALINA – *hb. Mir.*

- SPECIMENS ● about 33.000 (vascular plants)
- GEOGR AREA ● flora of Polish and European mountains; rich collection of grasses and pteridophytes
- LOAN ● to recognized botanical institutions and private individuals
- REMARKS ● stored in KRAM

RADWAŃSKA-PARYSKA ZOFIA – *hb. Par.*

- SPECIMENS ● 3.500 [vascular plants]
- GEOGR AREA ● local collection – Tatra Mts and Podhale Region

LOAN ● on the spot only

REMARKS ● stored in private house: Koziniec 1, 34 500 Zakopane

SZELAĞ ZBIGNIEW – *hb. Sze.*

SPECIMENS ● ca 5.600 [*Hieracium* – 4.200; *Potentilla* – 800; *Thymus* – 300; *Viola* – 300]

GEOGR AREA ● Poland, Bulgaria, Czech Republic, Turkey, Slovakia

REMARKS ● stored in KRAM

SZLACHETKO DARIUSZ L. – *hb. Szl.*

SPECIMENS ● ca 4.000 [*Orchidaceae*]

GEOGR AREA ● Ecuador, tropical Africa, New Caledonia

TYPES ● 200 (*Orchidaceae*)

OTHER COLL ● spirit collection of *Orchidaceae* with 1.500 samples representing ca 1.200 species, mostly from Thailand, New Caledonia and neotropics

REMARKS ● stored in UGDA

WÓLKOWYCKI DAN – *hb. Woł.*

SPECIMENS ● 1.200 [vascular plants]

GEOGR AREA ● local collection – E and NE Poland

LOAN ● to recognized botanical institutions

REMARKS ● stored in the Białostockie Muzeum Wsi, 16–010 Wasilków; tel. (82) 43–60–82

ŻUKOWSKI Waldemar – *hb. Żuk.*

SPECIMENS ● about 10.000 (vascular plants)

GEOGR AREA ● vascular plants from Drawsko region

LOAN ● to recognized botanical institutions

REMARKS ● stored in POZ

PRIVATE HERBARIA LISTED IN THE FIRST EDITION OF *POLISH
HERBARIA* INCORPORATED TO INSTITUTIONAL HERBARIA

JASIEWICZ ADAM (*hb. Jas.*) – incorporated to KRAM

KORNAŚ JAN, MEDWECKA-KORNAŚ ANNA (*hb. Korn.*) – incorporated to KRA

MĄDALSKI JÓZEF (*hb. Mąd.*) – incorporated to KRAM

SENDEK ANDRZEJ (*hb. Sen.*) – incorporated to KRA

SULMA TADEUSZ (*hb. Sul.*) – incorporated to GDMA

INDEX TO HERBARIUM ACRONYMS

- BDPA** ● BOLESTRASZYCE – Department of Physiography and Arboretum in Bolestraszyce (*Zakład Fizjografii Arboretum Bolestraszyce*), Bolestraszyce – Zamek, 37–700 Przemyśl, skr. poczt. 471
- BIL** ● BIAŁOWIEŻA – Natural Forest Department, Forest Research Institute (*Zakład Lasów Naturalnych, Instytut Badawczy Leśnictwa*), Park Dyrekcyjny 6, 17–230 Białowieża
- BNPH** ● USTRZYKI DOLNE – The Research and Educational Centre of the Bieszczady National Park (*Ośrodek Naukowo-Dydaktyczny Bieszczadzkiego Parku Narodowego*), ul. Belska 7, 38–700 Ustrzyki Dolne
- BSG** ● BIAŁOWIEŻA – Białowieża Gobotanical Station, Warsaw University (*Białowieska Stacja Geobotaniczna, Uniwersytet Warszawski*), ul. Sportowa 19, 17–230 Białowieża
- BYDG** ● BYDGOSZCZ – Department of Botany and Ecology, Agricultural Faculty, Technical-Agricultural Academy (*Katedra Botaniki i Ekologii, Wydział Rolniczy, Akademia Techniczno-Rolnicza*), ul. Prof. S. Kaliskiego, 85–796 Bydgoszcz
- CHRZ** ● CHRZANÓW – Museum in Chrzanów (*Muzeum w Chrzanowie*), ul. Mickiewicza 13, 32–500 Chrzanów
- DRAPN** ● DRAWNO – Research Laboratory of the Drawa National Park (*Pracownia Naukowa Drawieńskiego Parku Narodowego*), ul. Leśników 2A, 73–220 Drawno
- GDMA** ● GDAŃSK – Department of Pharmaceutical Botany, Medical University of Gdańsk (*Katedra i Zakład Botaniki Farmaceutycznej, Akademia Medyczna*), Al. Gen. J. Hallera 107, 80–416 Gdańsk-Wrzeszcz
- GPN** ● PORĘBA WIELKA – Gorce National Park (*Gorczański Park Narodowy*), Poręba Wielka 4, 34–735 Niedźwiedź
- hb. Grz.** ● Piotr GRZEGORZEK, ul. Mickiewicza 13, 32–500 Chrzanów
- hb. Jas.** ● Adam JASIEWICZ – incorporated to **KRAM**
- hb. Kor.** ● Jan KORNAŚ, Anna MEDWECKA-KORNAŚ – incorporated to **KRA**
- hb. Kuk.** ● Martin KUKWA, ul. Chłopska 14B/14, 80–399 Gdańsk
- hb. Mąd.** ● Józef MAŁAŁSKI – incorporated to **KRAM**
- hb. Mir.** ● Zbigniew MIREK, Halina PIĘKOŚ-MIRKOWA – stored in **KRAM**

- hb. Par.** ● Zofia RADWAŃSKA-PARYSKA, Koziniec 1, 34–500 Zakopane
- hb. Sen.** ● Andrzej SENDEK – incorporated to **KRA**
- hb. Sul.** ● Tadeusz SULMA – incorporated to **GDMA**
- hb. Sze.** ● Zbigniew SZELAĞ stored in **KRAM**
- hb. Szl.** ● Dariuasz L. SZLACHETKO – stored in **UGDA**
- hb. Woł.** ● Dan WÓLKOWYCKI, Białostockie Muzeum Wsi, 16–010 Wasilków
- hb. Żuk.** ● Waldemar ŻUKOWSKI – stored in **POZ**
- HMIPC** ● **KRAKÓW** – Academy of Agriculture, Department of Forest Pathology (*Akademia Rolnicza, Katedra Fitopatologii Leśnej*), Al. 29-Listopada 46, 31–425 Kraków
- IUNG** ● **PULAWY** – Institute of Plant Cultivation, Fertilization and Soil Sciences (*Instytut Uprawy, Nawożenia i Gleboznawstwa*), ul. Czartoryskich 8, 24–100 Puławy
- KINM** ● **KIELCE** – National Museum (*Muzeum Narodowe*), pl. Zamkowy 1, 25–010 Kielce
- KOR** ● **KÓRNIK** – Institute of Dendrology, Polish Academy of Sciences (*Instytut Dendrologii, Polska Akademia Nauk*), ul. Parkowa 5, 62–035 Kórnik
- KRA** ● **KRAKÓW** – Institute of Botany, Jagiellonian University (*Instytut Botaniki, Uniwersytet Jagielloński*), ul. Lubicz 46, 31–512 Kraków
- KRAM** ● **KRAKÓW** – W. Szafer Institute of Botany, Polish Academy of Sciences (*Instytut Botaniki im. W. Szafera, Polska Akademia Nauk*), ul. Lubicz 46, 31–512 Kraków
- KRAP** ● **KRAKÓW** – Institute of Botany, Pedagogical University (*Instytut Biologii, Wyższa Szkoła Pedagogiczna*), ul. Podbrzezie 3, 31–054 Kraków
- KRFB** ● **KRAKÓW** – Department of Forest Botany and Nature Conservation, Faculty of Forestry, H. Kołłątaj Agricultural Academy (*Katedra Botaniki Leśnej i Ochrony Przyrody, Wydział Leśny, Akademia Rolnicza im. H. Kołłątaja*), Al. 29 Listopada 46, 31–425 Kraków
- KTC** ● **KIELCE** – Department of Botany, Institute of Biology, J. Kochanowski Pedagogical University (*Zakład Botaniki, Instytut Biologii, Wyższa Szkoła Pedagogiczna im. J. Kochanowskiego*), ul. M. Koponickiej 15, 25–406 Kielce
- KTU** ● **KATOWICE** – Department of Plant Systematics, Faculty of Biology and Environmental Protection, University of Silesia (*Katedra*

Botaniki Systematycznej, Wydział Biologii i Ochrony Środowiska, Uniwersytet Śląski, ul. Jagiellońska 28, 40–032 Katowice

- LBL** ● LUBLIN – Department of Systematics and Phytogeography, Institute of Biology, Maria Curie-Skłodowska University (*Zakład Systematyki i Geografii Roślin, Instytut Biologii, Uniwersytet im. Marii Curie-Skłodowskiej*), ul. Akademicka 19, 20–033 Lublin
- LBLM** ● LUBLIN – Department of General Botany, Institute of Biology, Maria Curie-Skłodowska University (*Zakład Botaniki Ogólnej, Instytut Biologii, Uniwersytet im. Marii Curie-Skłodowskiej*), ul. Akademicka 19, 20–033 Lublin
- LOD** ● ŁÓDŹ – Chair of Botany, Institute of Ecology and Conservation, Łódź University (*Katedra Botaniki, Instytut Ekologii i Ochrony Środowiska, Uniwersytet Łódzki*), ul. S. Banacha 12/16, 90–237 Łódź
- MGS** ● BYTOM – Upper Silesian Museum (*Muzeum Górnośląskie*), Pl. Jana III Sobieskiego 2, 41–902 Bytom
- OLS** ● OLSZTYN – Department of Botany and Nature Protection, M. Oczapowski Academy of Agriculture and Technology in Olsztyn (*Katedra Botaniki i Ochrony Przyrody, Akademia Rolniczo-Techniczna im. M. Oczapowskiego w Olsztynie*), Pl. Łódzki 1, 10–957 Olsztyn-Kortowo
- OLSZ** ● OLSZTYN – Department of Grassland, Olsztyn University of Agriculture and Technology (*Zakład Łąkarstwa, Akademia Rolniczo-Techniczna*), Pl. Łódzki 1, 10–718 Olsztyn-Kortowo
- OLTC** ● OLSZTYN – Department of Botany, Institute of Biology, Teachers College in Olsztyn (*Zakład Botaniki, Instytut Biologii, Wyższa Szkoła Pedagogiczna*), ul. Żołnierska 14, 10–561 Olsztyn
- OMWM** ● OLSZTYN – Museum of Warmia and Mazury (*Muzeum Warmii i Mazur*), ul. Zamkowa 2, 10–074 Olsztyn
- OPN** ● OJCÓW – Professor Władysław Szafer Museum, Ojców National Park (*Muzeum im. Prof. Władysława Szafera, Ojcowski Park Narodowy*), „Dom Pod Łokietkiem”, 32–047 Ojców
- OPOL** ● OPOLE – Museum of Opolian Silesia (*Muzeum Śląska Opolskiego*), Mały Rynek 7, 45–020 Opole
- PBMA** ● POZNAŃ – Department of Pharmaceutical Botany, Medical Academy (*Katedra i Zakład Botaniki Farmaceutycznej, Akademia Medyczna*), ul. Wieniawskiego 1, 61–712 Poznań
- POZ** ● POZNAŃ – Department of Plant Taxonomy, Faculty of Biology, Adam Mickiewicz University (*Zakład Taksonomii Roślin, Instytut*

Biologii Środowiska, Wydział Biologii, Uniwersytet im. Adama Mickiewicza), Al. Niepodległości 14, 61–713 Poznań

- POZG** ● POZNAŃ – Department of Geobotany, Faculty of Biology, Adam Mickiewicz University (*Zakład Geobotaniki, Wydział Biologii, Uniwersytet im. Adama Mickiewicza*), Al. Niepodległości 14, 61–713 Poznań
- POZM** ● POZNAŃ – Department of Plant Ecology and Environment Protection, Adam Mickiewicz University (*Zakład Ekologii Roślin i Ochrony Środowiska, Uniwersytet im. Adama Mickiewicza*), al. Niepodległości 14, 61–713 Poznań
- POZNB** ● POZNAŃ – Department of Botany, August Cieszkowski Agricultural University of Poznań (*Katedra Botaniki, Akademia Rolnicza im. Augusta Cieszkowskiego w Poznaniu*), ul. Wojska Polskiego 71c, 60–625 Poznań
- POZNF** ● POZNAŃ – Department of Forest Botany, Agricultural University (*Katedra Botaniki Leśnej, Akademia Rolnicza*), ul. Wojska Polskiego 71d, 60–625 Poznań
- POZW** ● POZNAŃ – Department of Genetics, Working Group for the study of Variation in Bryophytes, Institute of Experimental Biology, Faculty of Biology, Adam Mickiewicz University (*Zakład Genetyki, Instytut Biologii Eksperymentalnej, Uniwersytet im. Adama Mickiewicza*), ul. Szamarzewskiego 89/91, 60–568 Poznań
- ROGA** ● ROGÓW – Arboretum, Warsaw Agricultural University, Arboretum at Rogów (*Arboretum, Szkoła Główna Gospodarstwa Wiejskiego*), Arboretum SGGW, 96–135 Rogów
- RPNH** ● ZWIERZYNIĘC – Roztocze National Park (Roztoczański Park Narodowy), ul. Plażowa 2, 22–470 Zwierzyniec
- RZS** ● RZESZÓW – Laboratory of Botany, Field Faculty of Economy of Agricultural Production, H. Kołłątaj Agricultural Academy in Cracow (*Pracownia Botaniki, Wydział Ekonomiki Produkcji Rolniczej, Filia Akademii Rolniczej im. H. Kołłątaja w Krakowie*), ul. M. Źwiklińskiej 2, 35–959 Rzeszów
- SKPN** ● BIELINY – Święty Krzyż, Research Laboratory and Museum, Świętokrzyski National Park (*Pracownia Naukowo-Badawcza i Muzeum, Świętokrzyski Park Narodowy*), Święty Krzyż, 26–004 Bieliny
- SLTC** ● SŁUPSK – Institute of Biology and Environment Protection, Pedagogical University (*Zakład Botaniki, Instytut Biologii i Ochrony Środowiska, Wyższa Szkoła Pedagogiczna*), ul. Arciszewskiego 22, 76–200 Słupsk

- SMOK** ● DROZDOWO – Museum of Nature (*Muzeum Przyrody*), ul. Główna 38, 18–406 Drozdowo
- SOSN** ● SOSNOWIEC – Chair and Department of Pharmaceutical Botany and Herbal Science, Silesian Medical Academy in Katowice (*Katedra i Zakład Botaniki Farmaceutycznej i Zielarstwa, Śląska Akademia Medyczna w Katowicach*), ul. Jagiellońska 4, 41–200 Sosnowiec
- SPNH** ● SMOŁDZINO – Słowiński National Park (*Słowiński Park Narodowy*), ul. Bohaterów Warszawy 1A, 76–214 Smołdzino
- SZCZ** ● SZCZECIN – Department of Botany, Faculty of Agriculture, Academy of Agriculture (*Katedra Botaniki, Wydział Rolniczy, Akademia*), ul. J. Słowackiego 17, 71–434 Szczecin
- SZPA** ● SZCZECIN – Department of Plant Pathology, Academy of Agriculture, Szczecin (*Katedra Fitopatologii, Akademia Rolnicza w Szczecinie*), ul. Słowackiego 17, 71–434 Szczecin
- SZUB** ● SZCZECIN – Department of Botany, Szczecin University (*Katedra Botaniki, Uniwersytet Szczeciński*), ul. Felczaka 3a, 71–412 Szczecin
- TRN** ● TORUŃ – Institute of Biology and Environment Protection, N. Copernicus University (*Instytut Biologii i Ochrony Środowiska, Uniwersytet im. M. Kopernika*), ul. Gagarina 9, 87–100 Toruń
- UGDA** ● GDAŃSK – Department of Plant Ecology and Nature Protection, Laboratory of Plant Taxonomy and Phytogeography, Gdańsk University (*Katedra Ekologii Roślin i Ochrony Przyrody, Pracownia Taksonomii Roślin i Fitogeografii, Uniwersytet Gdański*), Al. Legionów 9, 80–441 Gdańsk
- WA** ● WARSZAWA – Department of Plant Systematics and Geography, Institute of Botany, Warsaw University (*Zakład Systematyki i Geografii Roślin, Instytut Botaniki, Uniwersytet Warszawski*), Aleje Ujazdowskie 4, 00–478 Warszawa
- WALM** ● WAŁBRZYCH – Regional Museum (*Muzeum Okręgowe*), ul. 1 Maja 9, 58–300 Wałbrzych
- WAME** ● WARSZAWA – Division of Palaeobotany, Museum of the Earth, Polish Academy of Sciences (*Dział Paleobotaniki, Muzeum Ziemi, Polska Akademia Nauk*), Al. Na Skarpie 20/26 i 27
- WAUF** ● WARSZAWA – Department of Plant Pathology, Faculty of Horticulture, Warsaw Agricultural University (*Katedra Fitopatologii, Wydział Ogrodniczy, Szkoła Główna Gospodarstwa Wiejskiego*), ul. Nowoursynowska 166, 02–787 Warszawa

- WPN** ● KRZYWE – Wigry National Park (*Wigierski Park Narodowy*), Krzywe 82, 16–400 Suwałki
- WRAB** ● WROCŁAW – Department of Botany and Plant Physiology, Academy of Agriculture (*Katedra Botaniki i Fizjologii Roślin, Akademia Rolnicza*), ul. Cybulskiego 32, 50–205 Wrocław
- WRAF** ● WROCŁAW – Department of Phytopathology, Academy of Agriculture (*Katedra Fitopatologii, Akademia Rolnicza*), ul. Cybulskiego 32, 50–205 Wrocław
- WRSL** ● WROCŁAW – Museum of Natural History, University of Wrocław (*Muzeum Przyrodnicze, Uniwersytet Wrocławski*), ul. H. Sienkiewicza 21, 50–335 Wrocław
- WSRP** ● SIEDLCE – Department of Botany, Teachers-Agricultural University (*Zakład Botaniki Wyższej Szkoły Rolniczo-Pedagogicznej*), ul. B. Prusa 12, 08–110 Siedlce
- ZAMU** ● ZAKOPANE – Tytus Chałubiński Tatra Museum (*Muzeum Tatrzańskie im. Tytusa Chałubińskiego*), ul. Krupówki 10, 34–500 Zakopane
- ZTS** ● ZAKOPANE – Tatra Field Station, Institute of Nature Protection, Polish Academy of Sciences (*Tatrzańska Stacja Terenowa, Instytut Ochrony Przyrody, Polska Akademia Nauk*), Antałówka 7, 34–500 Zakopane

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 Thümen F. von – WRSL
 Tilden J. E. – WRSL
 Tirolian Alps – KRAM
 Titius P. V. – KRA
 Tobolewski Z. – KRAM
 Turkey – WA
 Uziela S. – KRAM
 Uechtritz R. – WRSL
 Ukraine – KRAM, KTU
 Urbański P. – POZNB
 United States of America – TRN
 Wahlstedt L. J. – KRA
 Walas J. – KRA
 Walter H. – POZ
 Wilczyński T. – KRAM
 Winkler H. – WRSL
 Wiśniewski T. – WA
 Wojewoda W. – KRAM
 Wolhynia – KRAM
 Wołoszczak E. – KRAM
 Wójciak H. – LBL
 Wróblewski A. – KRAM, WAUF
 Wróblewski W. – KRA
 Yemen – KTU
 Zabłocki J. – KRAM, WA
 Zabłocki W. – KRAM, TRN
 Zair – POZG
 Zaleski K. – POZNB
 Zalewski A. – KRA
 Zapałowicz H. – KRAM
 Zenker G. – WRSL
 Zielińska M. – KRAM
 Zielski A. – TRN
 Zimmermann F. – WALM
 Żmuda A. – KRA, KRAM