

NORTH CAROLINA WILD FLOWER

PRESERVATION SOCIETY, INCORPORATED

NEWSLETTER

Mr. W. G. BUTLER, *Pres.*
R.F.D. No. 7
Fayetteville, N. C.

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OCTOBER 1963

Dr. H. R. TOTTEN, *1st. V.-P.*
P. O. Box 247
Chapel Hill, N. C.

THE PRESIDENT'S MESSAGE

IT MAY BE LATER THAN WE THINK!

THIS SO-CALLED INSIDUOUS CREEPING UP ON YOU OF EVENTS HAS IT'S PARALLEL IN THE CERTAIN DESTRUCTION OF MANY SPECIES OF NATIVE PLANT LIFE. AND, WHAT IS SO DISTURBING, IT IS NEARLY ALWAYS THE RARE PLANT LIFE THAT GETS THE AX FIRST. WE HEAR IT SAID: "TO MAKE WAY FOR PROGRESS".

Mrs. CARL H. PEGG, *Historian*
403 Laurel Hill Rd.
Chapel Hill, N. C.

MISS REBECCA CAUSEY
Recording Secretary
Liberty, N. C.

MISS BESSIE POPE, *Treas.*
Gatewood Ave.
High Point, N. C.

MISS SANDRA MELVIN, *Corr. Sec.*
Pleasant Garden, N. C.

NOW, EVENTS ARE NOT ALWAYS ON THE SOUR SIDE. I FEEL THAT OUR GROUP HAS MADE DEFINITE PROGRESS THROUGH COMMUNICATION WITH SCHOOL OFFICIALS AND TEACHERS THROUGHOUT THE STATE. CONTACT HAS BEEN MADE WITH THE STATE HIGHWAY COMMISSION ON THE USE OF POISON ON THE ROADSIDE. NEWS MEDIA HAS GIVEN OUR SOCIETY SOME FAVORABLE COMMENT. PROGRESS HAS BEEN MADE IN BRINGING TOGETHER COLLECTIONS OF RARE PLANTS IN SOME OF OUR STATE PARKS.

MISS JOSEPHINE PRITCHARD, *Librarian*
400 Ransom Street
Chapel Hill, N. C.

MRS. WALTER B. BRAXTON
Editor, Newsletter
2111 Braxton Lane
Greensboro, N. C.

LETS ALL OF US NOW JOIN IN AND CONTINUE TO PUSH FOR THE IDEALS IN PLANT CONSERVATION BEFORE IT IS TOO LATE.

MRS. H. R. TOTTEN, *By-Laws Chmn.*
Laurel Hill Rd.
Chapel Hill, N. C.

WITH BEST REGARDS,

GORDON BUTLER

MISS MARY BESS COLEMAN, *Publicity Chmn.*
P. O. Box 505
Pleasant Garden, N. C.

MR. LIONEL MELVIN, *Consultant*
Box 313
Pleasant Garden, N. C.

FALL MEETING!

DR. H. L. BLOMQUIST, *Consultant*
922 Demerius St.
Durham, N. C.

THE TIME AND PLACE FOR THE FALL MEETING IS BUTLER NURSERIES, FIVE MILES SOUTH OF FAYETTEVILLE ON ELIZABETHTOWN ROAD, HIGHWAY 87, OCTOBER 27, 1963 AT 10:00 A.M.

DR. B. W. WELLS, *Consultant*
Route 1
Wake Forest, N. C.

PAST PRESIDENTS OF N.C.W.F.P.S.

DR. H. R. TOTTEN, *Consultant*
Chapel Hill, N. C.

1951 - 1952
1952 - 1954
1954 - 1956
1956 - 1958
1958 - 1960
1960 - 1962

MRS. HERBERT P. SMITH
MR. J.A. WARREN
MRS. PAUL SPENCER
MR. LIONEL MELVIN
MRS. CARL PEGG
MR. WALTER BRAXTON

MINUTES OF THE NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY INC.

THE NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY INC. MET ON MAY 19, 1965 WAKE FOREST # 1 AT THE COUNTRY HOME OF DR. AND MRS. B.W. WELLS.

AROUND 80 MEMBERS AND VISITORS ENJOYED AND SHARED THE WONDERFUL HOSPITALITY OF THE WELLS.

THE MEETING WAS CALLED TO ORDER BY PRESIDENT GORDON BUTLER AROUND 10:30 A.M.

THE TREASURER REPORTED A BALANCE OF \$43.12 WITH MEMBERS STILL PAYING THEIR DUES.

A LETTER WAS READ FROM MRS. CARRIE TURNER SAYING THAT SHE WOULD BE UNABLE TO ATTEND THE MEETINGS ANYMORE AND THAT SHE WOULD NOT BE ABLE TO BE A MEMBER ANY LONGER. IT WAS DISCUSSED AND AGREED THAT WE SHOULD KEEP ALL SUCH PERSONS ON OUR MAILING LIST.

WILDLIFE BOOKLETS WERE DISTRIBUTED TO THE MEMBERS THAT MISS LUNETTE BARBER SENT WITH DR. ROGERS FOR THAT PURPOSE.

MRS. WARREN ASKED THAT WE ALL GIVE A VOTE OF THANKS FOR THE NEWS LETTER, AND THE PRESIDENT ASKED ALL THE MEMBERS TO CONTRIBUTE ARTICLES FOR THE NEWS LETTER.

LAWS WERE DISCUSSED ON THE PICKING OF WILD FLOWERS ALONG OUR HIGHWAYS AND IN FORESTS.

ONE LADY SAID THAT SHE PLANNED TO BUY SOME LADY BUGS, AND OUR PRESIDENT ASKED US TO WORK WITH NATURE INSTEAD OF AGAINST IT. THERE WAS MUCH DISCUSSION ABOUT INSECTS AND BIRDS AS RELATED TO EACH OTHER.

MRS. WARREN WANTED TO KNOW WHAT HAS HAPPENED TO THE HOPPY TOADS, NO ONE SEEMED TO KNOW ABOUT THEM.

PRESIDENT BUTLER SAID HE HAD DECIDED THAT HE WOULD AS SOON HAVE THE BEETLES AS TO BE BOTHERED WITH ALL THE PESTICIDES, HE ASKED THAT SOME ONE WRITE TO THE RAILROADS AND ASK THEM TO HELP PRESERVE SOME BEAUTY SPOTS ALONG THEIR RIGHTS OF WAY.

THE PINE WAS REPORTED AS THE STATE TREE.

THE NOMINATING COMMITTEE SUBMITTED THE NAMES OF MISS REBBEC AS RECORDING SECRETARY AND MISS BESSIE POPE AS TREASURER, AND THEY WERE ACCEPTED AS NAMED.

THE SECRETARY RECORDED AS MANY NAMES OF OUR VISITORS AS WAS POSSIBLE TO REMEMBER, THEY WERE MR. HARRELL, MC LEANSVILLE, MRS. DAWSON, MRS. HARRISON, MRS. WEST, MRS. LEONARD, MR. BURRIS, MISS BUTLER AND MRS. NEWPORT. MRS. FERGUSON REPORTED A NEW MEMBER FROM HER SECTION WHO COULD NOT COME.

MRS. CARL WOOD ASKED PEOPLE TO VISIT HER GARDEN BUT TO LET HER KNOW BEFORE THEY CAME.

MRS. B.W. STALLINGS FROM BOONE, WAS A VERY WELCOME MEMBER AND SHE GAVE A VERY EXCELLENT RESUME OF THE BOONE BOTANICAL GARDEN AND THE DEDICATION WHICH WAS SET FOR JUNE 29 AND A HISTORY OF THE PLANTS AND FLOWERS; SHE ALSO ANNOUNCED THAT THEY HAVE SOME SLIDES THAT CAN BE SHOWN OF THE GARDEN, IT WAS ALSO MENTIONED AS A FUTURE MEETING PLACE FOR OUR GROUP AND MRS. STALLINGS SUGGESTED THAT SPRING WOULD BE A BETTER TIME TO SEE IT.

A CONCERN WAS BROUGHT UP AND DISCUSSED ABOUT MEETING PLACES THAT WOULD COST THE SOCIETY MONEY.

SUBSTITUTING FOR THE RECORDING SECRETARY TO THIS POINT IN YOUR MINUTES WAS WALTER B. BRAXTON. IT IS ALMOST LUNCH TIME NOW AND MISS CAUSEY IS TAKING OVER.

MINUTES OF BOTH THE FALL MEETING AND THE SPRING BOARD MEETING WERE READ AND APPROVED.

MINUTES.....CONTINUED

MEMBERS WERE ASKED TO CONSIDER AREAS OF NATURAL BEAUTY THAT WILL MAKE SUITABLE STATE PARKS AND TO REPORT THESE TO: DR. A.E. RADFORD, CHM. N.C. ACADEMY OF SCIENCE CONSERVATION COMMITTEE, NATURAL PARKS DEPT., CHAPEL HILL, N.C.

DR. B.W. WELLS THEN WELCOMED THE GROUP TO ROCK CLIFF FARM, AND SHOWED A LARGE DIAGRAM OF THE AREA- POINTING OUT SOME OF THE INTERESTING FEATURES OF THE PLACE, WHICH HE AND HIS WIFE HAVE OWNED FOR 13 YEARS.

DR. WELLS STATED THAT THE FARM IS COMPRISED OF 150 ACRES, INCLUDING 15 ACRES OF OPEN LAND, WITH 1.7 MILES OF SHORE-LINE ON THE NEUSE RIVER. ROCK FORMATIONS SHOW THAT THE RIDGE WAS ONCE A PART OF THE APPALACHIAN RANGE.

COMMENTING ON THE WIDE VARIETY OF VEGETATION, DR. WELLS SAID THAT HE HAS RECORDED 551 SPECIES OF PLANTS, INCLUDING SUCH RARE SPECIMENS AS WALKING-FERN, PYROLA, CLIFF STONE-DROP, AND TRILLIUM.

FOLLOWING DR. WELLS' ENTHUSIASTIC REPORT OF THE VEGETATION ON HIS FARM, THE GROUP ENJOYED A DELICIOUS PICNIC, WITH COFFEE, AND SPRING WATER PUMPED TO THE HOUSE BY A HYDRAULIC RAM.

DR. WELLS THEN LED THE GROUP ON A TOUR OF THE WILD FLOWER TRAILS, KEEPING US FASCINATED WITH TALES OF INTERESTING PLANTS AND PLACES ALONG THE WAY. THE STRENUOUS TRIP LEFT THE YOUNGER MEMBERS GASPING FOR BREATH BUT ENDED WITH DR. WELLS STILL GOING STRONG. IT WAS A MEETING LONG TO BE REMEMBERED BY ALL THOSE PRESENT.

RESPECTFULLY SUBMITTED,
REBECCA CAUSEY CARTER, SEC.
GORDON BUTLER, PRES.

MINUTES.....FALL MEETING:

THE NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY INC. BOARD MEETIN MET WITH MR. AND MRS. GORDON BUTLER, FAYETTEVILLE, SEPT. 8, 1963.

PRES. BUTLER OPENED THE MEETING AROUND 2:00 P.M. THE MINUTES OF THE SPRING MEETING WERE READ DISCUSSED AND APPROVED.

A NOTE WAS READ FROM MRS. REBECCA C. CARTER EXPRESSING HER REGRETS AT NOT BEING ABLE TO COME TO THE MEETING; SHE BEING PRESIDENT OF THE N.C. ORCHID SOCIETY AND HAD A CONFLICT THERE, HAVING TO BE IN WINSTON-SALEM AT THIS TIME.

MISS BESSIE POPE WHO ALSO COULD NOT BE THERE, SENT A VERY GOOD REPORT OF THE FINANCIAL STATUS OF THE CLUB, SHOWING A BALANCE OF \$148.84 IN THE TREASURY.

PRESIDENT BUTLER WAS CHIDED A BIT ABOUT HIS MAP TO DR. WELLS' PLACE LAST SPRING.

DR. TOTTEN HAD BEEN CONTACTED BY SEVERAL PEOPLE WHO WANTED TO KNOW WHEN OUR NEXT MEETING WOULD BE. HE ALSO TOLD OF COVERING NORTH CAROLINA FROM CLINGMAN'S DOME TO THE COAST WITH HIS BOTANY CLASS DURING THE SUMMER.

IN ORDER TO GET ANOTHER LOOK AT DIFFERENT PLANTS IT WAS DECIDED THAT WE SHOULD HAVE OCTOBER 27 SET ASIDE FOR OUR FALL MEETING AND MEET AT BUTLER NURSERIES, FAYETTEVILLE, ROUTE 87. PARTS OF THE PROGRAM WILL BE ON POISONS USED ON ROADSIDES AND EVERYONE WAS URGED TO STUDY THESE POISONS.

MINUTES... FALL MEETING (CONTINUED)

MR. R.N. MUSGRAVE'S DEATH WAS REPORTED. HE BEING HUSBAND OF MRS. MUSGRAVE WHO IS A MEMBER FROM GREENSBORO. AFTER THE MEETING MRS. BUTLER TOOK US INSIDE FOR COFFEE, CAKE AND NUTS. WE ADJOURNED TO MEET AGAIN ON OCTOBER 27, 1963.

WALTER B. BRAXTON
SEC. PRO-TEM.

JUNE 4, 1963

NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY, INC.
2111 BRAXTON LANE
GREENSBORO, NORTH CAROLINA

DEAR SIR:

MR. WILLIAM L. HAMNETT, EDUCATION REPRESENTATIVE OF THE WILDLIFE IN NORTH CAROLINA STAFF, SUGGESTED THAT I APPEAL TO YOU ABOUT THE CONTINUED PRACTICE OF REQUIRING OUR SCHOOL CHILDREN TO COLLECT SPECIMENS OF WILD FLOWERS WITHOUT SUPERVISION OR PROPER INSTRUCTION. I HAVE MANY COMMUNICATIONS ON THE SUBJECT FROM CONCERNED PARENTS AND OTHERS BECAUSE OF MY WELL KNOWN INTEREST IN WILDFLOWERS AND CONSERVATION. FORCING THOUSANDS OF UNINFORMED SCHOOL CHILDREN, WHO ARE FREQUENTLY RESENTFUL OF THE ASSIGNMENT AS WELL, TO GATHER PLANTS INDISCRIMINATELY, NOT ONLY FAILS TO STIMULATE THE INTEREST IN NATURE AND APPRECIATION OF CONSERVATION, WHICH IS THE PURPOSE OF THE WHOLE THING, BUT ALSO MAY PROVE A DEFINITE THREAT TO VALUABLE RESOURCES. THERE WERE EVEN INSTANCES THIS YEAR OF OFFERING EXTRA CREDIT POINTS FOR LADY-SLIPPERS AND OTHER RARE SPECIES.

ORGANIZED FIELD TRIPS UNDER THE SUPERVISION OF A PROPERLY QUALIFIED LEADER FOR THE PURPOSE OF COLLECTING A SINGLE SPECIMEN FOR A CLASS HERBARIUM WOULD BE FAR MORE EFFECTIVE AND LESS HARMFUL. IF THE CHILDREN WERE REQUIRED TO MAKE PRELIMINARY NOTES AS TO LOCATIONS OF PLANTS THEY WOULD BENEFIT FROM THE PRACTICE IN OBSERVATION AND THE TRIP COULD BE ARRANGED SO AS NOT TO BE UNDULY TIME CONSUMING. HOWEVER, IF THIS WERE NOT FEASIBLE, AT LEAST EACH CHILD COULD BE SENT OUT TO COLLECT FOR THE CLASS HERBARIUM A SINGLE SPECIMEN OF CERTAIN SPECIFIED SPECIES CHOSEN FROM A LIST OF PLANTS THAT MAY BE COLLECTED SAFELY. SUCH LISTS CAN BE OBTAINED FROM WILDLIFE IN NORTH CAROLINA, I BELIEVE.

YOURS FAITHFULLY,
WILLIAM S. JUSTICE, M.D.

WOODY PLANTS

I HOPE THAT YOU WILL BEAR WITH ME FOR LEANING MORE TOWARD THE DISCUSSION OF THE WOODY PLANTS, BECAUSE THAT HAS BEEN THE DIRECTION OF MOST OF MY STUDIES. DRAW A LINE FROM THE TOP OF MT. MITCHELL TO S SOUTHPORT AT THE SEA AND ALONG THIS LINE YOU WILL FIND PLANTS REPRESENTED FROM CANADA TO FLORIDA. RIGHT IN THE MIDDLE OF THE WESTERN HEMISPHERE'S GREAT TEMPERATE ZONE, IT IS A VERITABLE BOTANIST'S PARADISE.

THERE ARE MANY MANY HUNDREDS OF PLANTS IN THE WORLD THAT ARE INTERESTING AND FASCINATING TO STUDY, BUT WE HAVE SPACE HERE ONLY FOR A FEW. I SHOULD LIKE TO INCLUDE IN THESE NOTES SOME PLANTS THAT ARE MAYBE NOT MUCH TO LOOK AT, BUT ARE MOST USEFULL ECONOMICALLY.

BLACKBERRY OR BRAMBLE: I WILL TRY TO OUTLINE HERE THREE OF THEM THAT HAS ALWAYS BEEN OF MUCH INTEREST TO ME. THE FIRST, I SHOULD SAY, IS THE BLACKBERRY. MY FIRST REMEMBRANCE OF THE BLACK BERRY WAS WHEN I WAS A SMALL BOY. NEARLY ALL OF THE FARM FAMILIES IN OUR COMMUNITY WOULD GET IN THE "BRIAR PATCH" IN THE MID-SUMMER AND PICK GALLONS OF BIG, JUICY BERRIES. SOME WOULD MAKE SPARKLING RED WINE, WHILE OTHERS WOULD MAKE PAN PIES, COOK AND CAN FOR THE WINTER.

THERE ARE SEVERAL HUNDRED SPECIES OF THESE BRAMBLES, INCLUDING HUNDREDS OF VARIETIES AND VARIATIONS OF FORM, SCATTERED THROUGHOUT THE WORLD. MOST OF THESE ARE REPRESENTED IN NORTH AND SOUTH AMERICA AND ASIA. A FEW COME FROM THE TROPICS. YOU CAN FIND THEM ON THE SLOPES OF CLINGMAN'S DOME AND DOWN AT THE SEASHORE. THESE PLANTS BELONG TO THE GREAT ROSE FAMILY, AND THEY FURNISH AN EXCELLENT FOOD FOR MILLIONS OF BIRDS AND OTHER ANIMAL LIFE, AS WELL AS HUMANS.

ARALIA: THIS IS A PLANT THAT (SHOULD) EXCITE SOME INTEREST AMONG PLANT LOVERS. THE FAMILY IS RATHER WIDELY DISTRIBUTED AND VARIED AS TO FORM. SOME SPECIES ARE TO BE FOUND IN OUR MOUNTAINS AND AS FAR AS CANADA. THE MOST COMMONLY FOUND PLANT HERE IS THE VARIETY SPINOSA, OR DEVIL'S WALKING STICK. OTHER GOOD VARIETIES ARE FOUND IN ASIA. THEY PRESENT SOMEWHAT A TROPICAL APPEARANCE AND MAKE A VERY GOOD LANDSCAPE EFFECT AS A LIMITED GARDEN SUBJECT. A VERY (INTERESTING) NOTE: OUR COMMON ENGLISH IVY BELONGS TO THIS FAMILY AND I HAVE GRAFTED THIS PLANT ON STEMS OF THE ARALIA SPINOSA.

SYMPLOCUS : HORSE SUGAR. THIS SPECIES COMMONLY FOUND HERE IN OUR STATE SHOULD BE USED MORE IN OUR LANDSCAPING PLANS. IT BELONGS TO THE FAMILY STYRACACEAE, WHICH IS WIDELY DISTRIBUTED THROUGHOUT THE WORLD IN PARTS OF THE TROPICS AND ASIA. OUR OWN SPECIES, TINCTORIA, IS NOT HARDY NORTH, BUT RANGES THROUGHOUT THE SOUTHEASTERN STATES. IT IS NEARLY EVERGREEN. THIS TREE REACHES RARELY MORE THAN 30 FEET, WITH SMOOTH BROWNISH BARK AND FAIRLY LARGE GLOSSY LEAVES. IT ALSO TOLERATES SOME SHADE AND CAN BE TRIMMED TO THICK SPECIMEN PLANTS OR IT MAY BE ALLOWED TO GROW SLENDER, SHOWING THE ATTRACTIVE TRUNK. THIS TREE DOES BEST IN RICH MOIST SOIL AND IS NOT TOO PARTICULAR ABOUT DRAINAGE.

GORDON BUTLER

MEDICAL HERBS AND PLANTS OF THE ANCIENTS:

DURING EARLY TIMES, PLANTS PROVIDED THE MEDICINAL REMEDIES FOR THE HUMAN RACE. FROM THESE UNDATED TIMES, HERBS AND PLANTS OF THE WOODS AND FIELDS HAVE PLAYED SUCH A PROMINENT PART IN THE EXISTENCE OF CIVILIZED NATIONS, FIRST FROM PLANTS FOUND GROWING WILD, THEN FROM SEEDS AND PLANTS HE BROUGHT INTO HIS GARDEN. FAR BACK IN ANTIQUITY A VARIETY OF HERBS HAVE BEEN USED AS HEALING AGENTS AND HAVE BEEN KEPT AND CHERISHED FROM TIME IMMEMORIAL BECAUSE THEY WERE PLANTS WITH A USE. IT WAS FROM THIS PURELY USEFUL BEGINNING THAT SYSTEMATIC BOTANY, FOR THE MOST PART ORIGINATED. SINCE THE DAWN OF CIVILIZATION, MAN HAS FED ON BERRIES, FRUITS, GRASSES, LEAVES AND ROOTS. NO DOUBT PREHISTORIC MAN LEARNED WHAT PLANTS WERE EDIBLE FROM WATCHING ANIMALS AND BIRDS, LATER FROM THEIR FLOCKS. HE CONTINUED TO EAT PLANTS THAT AGREED WITH HIM WHILE REMAINING AWAY FROM THOSE THAT MADE HIM ILL. THESE PREHISTORIC PEOPLE MADE NO MEDICAL PREPARATION, BUT LEARNED AGAIN, BY TRIAL AND ERROR, THAT ONE PLANT IF CHEWED AND LAID ON A WOUND WOULD GIVE THE RESULT HOPED FOR. THEY KEPT IT AND HANDED IT DOWN.

THESE HERB-WISE-MEN OF PREHISTORIC TIMES LATER DEVELOPED INTO THE HERBALISTS AND PHILOSOPHERS OF ANTIQUITY. FOLK MEDICINE DEVELOPED AS EARLY AS 500 B.C. HIPPOCRATES, THE FATHER OF MEDICINE, BORN 460 B.C. (BUT WE HAVE NO DIRECT WRITING OF HIPPOCRATES, ONLY A GROUP OF MEDICAL WORKS COLLECTED BY THOSE WHO FOLLOWED, -ANCIENT SCHOLARS WHO REVERED HIS TEACHING AND DOCTRINE.) WE DO KNOW HIPPOCRATES WAS THE FIRST TO SEPARATE MEDICINE FROM PHILOSOPHY-BUT NEVER A HINT OF SUPERSTITION IS KNOWN HERE.

THE FIRST KNOWN WRITING ON HERBS USED AS MEDICINE, WE GO BACK TO THE ANCIENT GREEK PHILOSOPHER, ARISTOTLE, 384 B.C. GREAT PHILOSOPHER THAT HE WAS, BUT AN OBSERVER OF THE FACTS OF NATURE - A MAN FOR WHOM NO PROBLEM WAS TOO DETAILED TO WHET HIS CURIOSITY, AND A DISCERNING STUDENT OF PLANTS AND THEIR EFFECT ON THE HUMAN BODY - AND ARISTOTLE WAS ONE OF THE FIRST TO RECOGNIZE THE GREATNESS OF HIPPOCRATES. HIS OBSERVATIONS WERE HANDED DOWN THROUGH HIS PUPIL, THEOPHRASTUS, 372 B.C. ARISTOTLE BEQUEATHED TO HIM HIS LIBRARY AND THE ORIGINAL OF HIS WORKS. THE "HISTORY OF PLANTS" AND "CAUSES OF PLANTS", WRITTEN BY THEOPHRASTUS WERE THE FORERUNNERS OF OUR MODERN GARDEN LITERATURE. DIOSCORIDES, WHO FOLLOWED WITH "METERIA MEDICA", AND GALEN, G BORN 130 B.C. WERE SOME OF THE GREAT PHILOSOPHERS AND PHYSICIANS OF THE GOLDEN AGE OF GREECE WHO INFLUENCED HERB GROWING FOR MEDICINE AND O FOOD. ALTHOUGH PAGAN, THEY LOVED THEIR BEAUTIFUL SYMBOLISMS ASSOCIATED WITH PLANTS. NOT ONE OF THEM EVER SWERVED IN THEIR LOYALTY TO THE IDEA OF NATURAL LAWS. NO SUPERSTITIONS HERE!

HERBS PLAYED A DEEP AND SIGNIFICANT PART IN OUR BIBLE HISTORY. THE TRANSITION FROM HUNTING TO HERDING, TO FARMING WAS GRADUAL AND THESE HERBS AND PLANTS MENTIONED IN THE BIBLE, ARE THE LIVING LINKS BETWEEN US AND THE PEOPLE OF THOSE DISTANT TIMES. GARLIC, ONION, LEAK, MINT AND RUE OF OUR PRESENT DAY WERE PART OF THE EVERY DAY LIVES OF THE BIBLE PEOPLE, AS WAS BASIL, LAVENDER, PENNY-ROYAL, AND HOREHOUND. WE KNOW CORAINDER WAS WELL KNOWN TO MOSES AND THE HEBREWS. ANISE, MINT, AND CUMIN WERE SUBJECT TO TITHE. EGYPT GREW FLAVORING HERBS AND POT HERBS AS DO WE TODAY. PARSLEY STILL GROWS WILD IN THEIR FIELDS AND IS USED AS FOOD AND MEDICINE.

WHEAT, NATIVE TO ASIA, IS THE OLDEST GRAIN CEREAL KNOWN TO MAN, WAS KNOWN IN THE STONE AGE. BARLEY MENTIONED SO MANY TIMES IN THE BIBLE, WAS KNOWN 5000 B.C. HORSERADISH, 300 B.C. USED MEDICINALLY AND FOR FOOD. THE REFERENCE SO OFTEN TO "CORN" IN THE EARLY DAYS OF THE

HERBS AND PLANTS OF THE ANCIENTS...-CONTINUED

BIBLE HISTORY IS BELIEVED NOW TO BE WHEAT AND BARLEY AND, POSSIBLY, MILLET, (GROUPED UNDER THAT ONE HEAD, CORN.) FITCHES WAS AN INFERIOR WHEAT, AND THE TARES WAS SAID TO BE DARNEL GRASS - WAS POISONOUS, AND RESEMBLED WHEAT SO CLOSELY IT WAS ALMOST IMPOSSIBLE TO DISTINGUISH BETWEEN THEM.

THE PLANTS THAT FURNISH THE GUMS, OILS AND RESINS, COMPOUNDED WITH THE DIFFERENT HERBS, LEAVES AND ROOTS, BRINGS US TO OUR MOST INTERESTING PART OF OUR SUBJECT. FRANKINCENSE AND MYRRH WE KNOW WERE BROUGHT AS GIFTS BY THE THREE WISE MEN TO THE STABLE IN BETHLEHEM. WE ARE TOLD THE THIRD WISE MAN'S GIFT WAS GOLD, BUT FRANKINCENSE, THE GUM OF THE CONE BEARING TREE GROWN IN ARABIA AND WESTERN INDIA, EXUDES A PALE YELLOW GUM WITH A FRAGRANT PINEY ODOR WHEN WARMED AND BURNED. MYRRH MAY HAVE BEEN OBTAINED FROM A SHRUB. THE GUM OR RESIN OZZES NATURALLY FROM THE STEMS. IT SOLIDIFIES AND IS USED TODAY IN ANTISEPTICS. BALM, ALOES, SPIKENARD, CINNAMON, TO NAME A FEW, WERE IN USE IN THE HOLY LAND, IS PROOF THAT TRADE AND COMMERCE WITH DISTANT LANDS EXISTED EVEN IN EARLIEST TIMES BY CAMEL CAVALCADES AND BOATS. IT WAS FOUND THAT THE DISTILLATION OF CERTAIN GUMS, LEAVES, BARK AND HERBS COMBINED WITH OLIVE OIL SHOWS WHAT AN IMPORTANT PART THESE PERFUME PRODUCING PLANTS PLAYED ALL THROUGH SCRIPTURES AND WERE THE INGREDIENTS OF HOLY OINTMENTS AND HOLY INCENSE.

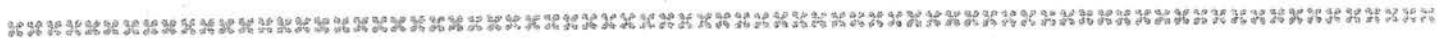
NO DOUBT THE ANTISEPTIC QUALITIES INVOLVED KEPT THE OIL FROM TURNING RANCID. THE BURNING OF INCENSE IN HOMES AND PUBLIC PLACES WAS A VALUABLE DISINFECTANT. THE UNGUENTS MADE OF OLIVE OIL COMBINED WITH LEAVES AND HERBS AND FLAVORED WITH THESE AROMATIC SUBSTANCES WERE IN CONSTANT USE. OINTMENTS WERE RUBBED ON THE FACE AND HEAD. SPIKENARD, SOME AUTHORITIES THINK WAS LAVENDER. OTHERS SAY IT IS A PERENNIAL HERB OF THE VALERIAN FAMILY, RELATED TO OUR GARDEN HELIOTROPE. THE ROOTS AND YOUNG STEMS BEFORE THE LEAVES UNFOLD, WERE USED TO MAKE THE PERFUME. IT WAS THE OINTMENT OF SPIKENARD THAT MARY OF BETHANY USED IN ANOINTING THE FEET OF JESUS.

THYINE WOOD IS THOUGHT TO BE A CONIFER RELATED TO OUR ARBOR VITAE. PAPYRUS, THE PAPER REED, KNOWN TO US AS THE PLANT WHICH FURNISHED THE PAPER FOR THE ANCIENTS WAS SOMETIMES CALLED BULL RUSHES. THE PAPER ITSELF WAS MADE FROM THE PITH OF THE PLANT WHICH WAS TAKEN FROM THE THICK PORTION OF THE STEM. THE OUTER PITH WAS PEELED OFF AND THE INNER PITH CUT IN THIN SLICES WHICH WERE PLACED SIDE BY SIDE WITH EDGES OVERLAPPING AND CROSSWISE - ONE OR MORE THIN SHEETS OF THIS, AND THE WHOLE SPRINKLED WITH GUMMY WATER AND SUBJECTED TO PRESSURE AND LEFT TO DRY IN THE SUN. TO PROVE HOW DURABLE AND WELL MADE THIS PAPER IS, ARCHAEOLOGISTS HAVE FOUND WELL PRESERVED SPECIMENS IN RECENT EXCAVATIONS OF EGYPTIAN TOMBS. PAPYRUS HAD OTHER USES BESIDES PAPER, IT WAS MADE IN SAILS, SANDALS, BOXES, CLOTH, EVEN BOATS. BOATS MADE OF BULL RUSHES OF WHICH ISAIAH SPEAKS, OR BARK FLOATS, OR INFLATES SKINS. EARLY MAN LEARNED TO LASH A FEW LOGS TOGETHER WITH VINES OR TWISTED LEATHER THONGS AND THEN HE HAD A RAFT. HE ALSO MADE WICKERWOOD BASKETS WATER TIGHT AND PULLED HIMSELF ALONG OR MADE CRUDE PADDLES AND TRAVELED WITH THE CURRENT.

HE SAW THE DRIFTING LEAVES CATCH THE WIND WITH THEIR UPTURNED EDGES, HE CONTRIVED SAILS OUT OF MATTED LEAVES AND LET HIS FRAIL CRAFT BLOW ALONG THE NILE. THE PITH OF THESE BULL RUSHES WAS ALSO BOILED AND EATEN AND THE ROOTS DRIED AND USED FOR FUEL. IT IS TRUE THE BOOKS OF THE BIBLE IN THE EARLIEST FORM WERE WRITTEN ON PARCHMENT, OR EVEN LEAVES OF PLANTS WHICH WERE USED AS PAPER AND NOT PAPYRUS, BUT EVIDENCE

OF THE LIFE AND CUSTOMS OF BIBLE TIMES HAVE COME DOWN TO US ON ANCIENT PAPYRUS. THE PAPYRUS THAT HAS BEEN UNEARTHED BY MODERN ARCHAEOLOGISTS GIVE US FIRST HAND KNOWLEDGE OF THE SOLDIER, PUBLICAN, THE STEWARD AND HIS ACCOUNTS, THE CHIEF, THE MONEY-LENDER AND OTHERS REFERRED TO IN THE OLD AND NEW TESTAMENT. HERE WE LEARN OF THE SOCIAL EVILS AGAINST WHICH THE PROPHETS AND LATER PAUL SPOKE SO STERNLY. SO WE KNOW THESE ANCIENT HERBS AND PLANTS ARE SOMETHING A LITTLE APART AND DIFFERENT. SOMETHING WHICH IS OF THE EARTH AND OF TIME AND MAGIC AND PEACE. THEIR INTEREST IS INDEPENDENT OF FLOWERS; THEIR USES MAKE THEM A PART OF THE WHOLE YEAR, AND THEIR HISTORY AND TRADITIONS TOUCH ALL NATIONS - AND ALL TIMES.

MRS. STELLA S. BUTNER
ROUTE #2
GERMANTON, N.C.



HEPATICAS

AN OLD CHINESE PROVERB SAYS, "IF YOU WISH TO BE HAPPY FOR THREE DAYS GET MARRIED, IF YOU WISH TO BE HAPPY FOR EIGHT DAYS KILL YOUR PIG AND EAT IT; BUT IF YOU WISH TO ALWAYS BE HAPPY BECOME A GARDENER."

WE OF THE GREENSBORO WILD FLOWER CLUB ARE AVID GARDENERS AND A HAPPIER GROUP OF PEOPLE WOULD BE HARD TO FIND. THEN IN ADDITION TO THIS IS OUR COMMON BOND OF THE LOVE OF WILD FLOWERS. IT IS OUR AIM TO STUDY AND KNOW OUR NATIVE FLORA AND TO DO ALL WITHIN OUR POWER TO PRESERVE AND CONSERVE OUR WEALTH OF NATIVE PLANTS.

HEPATICAS IS A GENUS OF SMALL HERBS OF THE BUTTERCUP FAMILY, OFTEN CALLED LIVERLEAF. HARDLY HAS THE SNOW MELTED UNTIL THE BLUE, WHITE, AND PINK HEPATICAS SEND FORTH THEIR LOVELY BLOOMS FROM BENEATH THE BLANKET OF LEAVES SPREAD BY MOTHER NATURE. LATER THE NEW LEAVES APPEAR TO START THEIR JOB OF HELPING STORE THE FOOD FOR THE NEXT YEARS BLOOM. HEPATICAS THRIVE IN RICH, LEAFMOLD SOILS OF THE OPEN WOODS AND ROCKY FOREST SLOPES. THE THICK, COARSE LEAVES ARE THREE LOBED AND LAST RIGHT THROUGH THE WINTER, BUT BY SPRING HAVE TAKEN ON A REDDISH DISCOLORED LOOK. THE LEAF AS WELL AS THE FLOWER STEMS ARE VERY HAIRY.

THE TWO AMERICAN HEPATICAS ARE HARDY AND LONG-LIVED LITTLE PERENNIALS THAT ARE AMONG OUR BEST KNOWN SPRING WILDFLOWERS. THE 1/2 TO 1 INCH FLOWERS ARE SHAPED SIMILAR TO THE BLOODROOT THOUGH CONSIDERABLE SMALLER ON STEMS FROM 4 TO 6 INCHES. THE FLOWERS AND LEAVES RISE DIRECTLY FROM THE FIBEROUS ROOTS. NO TWO CLUSTERS ARE ALIKE, THEY COME IN ALL SHADES AND SIZES. SOME INDIVIDUAL HEPATICAS ARE SWEET SCENTED, ONE HAS TO TRY THEM TO KNOW WHICH THEY ARE. THE ODOR IS FAINT AS OF SWEET VIOLETS AND IS CONSTANT IN THE SAME PLANT.

THERE IS A FANCIED RESEMBLANCE OF THE BROWNISH, THREE-LOBED LEAVES TO THE LIVER, AND, THEREFORE, ACCORDING TO THE "DOCTRINE OF SIGNATURES" OF THE MIDDLE AGES, MUST BE GOOD FOR LIVER AILMENTS.

HEPATICAS AMERICANA IS THE ROUND-LOBED HEPATICAS USUALLY FOUND IN OAK OR OTHER ACID WOODS PREFERRING A SOIL WITH A PH OF 5 TO 6.

HEPATICAS ACUTILOBA, THE SHARP-LOBED HEPATICAS VARIES PRINCIPALLY FROM THE ABOVE IN THAT ITS LEAVES ARE MORE SHARPELY POINTED AND PERHAPS

HEPATICA... (CONTINUED)

THE PETALS ARE A LITTLE NARROWER. ACUTILOBA PREFERS A MORE NEUTRAL SOIL WITH A PH OF 6 TO 7. ALTHOUGH GROWING OVER PRACTICALLY THE SAME RANGE, THE TWO SPECIES ARE RARELY FOUND GROWING TOGETHER.

THE CULTURE IS EASY; SUPPOSEDLY THE BEST TIME TO TRANSPLANT HEPATICA IS JUST AFTER BLOOMING. BUT IT CAN BE MOVED AT ANYTIME IF TAKEN WITH LARGE BALLS OF SOIL, ESPECIALLY IF IT IS IN DANGER FROM SOME OF MAN'S "IMPROVEMENTS" TIME SPENT TO BRING HEPATICA INTO THE WILD GARDEN PAYS OFF WITH AN ARRAY OF LOVELY FLOWERS. AFTER CORRECTLY PREPARING THE SOIL AND PLANTING ANY PLANT THERE ONLY ONE SECRET TO MAKING IT LIVE AND GROW...THE RIGHT AMOUNT OF WATER.

HEPATICA MAY BE ATTACKED BY RUST OR BY SMUT FUNGI. TREAT IT BY REMOVING THE DISEASED LEAVES AND DUSTING WITH SULPHUR. HEPATICA GROWS IN THE EASTERN HALF OF THE UNITED STATES AND CANADA; FROM DECEMBER TO MAY, DEPENDING ON THE LOCATION, BLOOMS CAN BE FOUND. SOMETIMES AS THE SNOW MELTS, THE HEPATICA BRAVELY BLOOMS; WRAPPED IN ITS OWN FUZZY FURS FOR PROTECTION. PROPAGATION IS BY DIVISION OF ITS ROOTS OR BY SEED.

WE CAN BE SURE OF ONE THING WHEN WE SEE HEPATICA, TROUT-LILY, SPRING-BEAUTY AND ANEMONES IN BLOOM...SPRING IS ON THE WAY.

COMPILED BY MRS. WALTER B. BRAXTON
FOR THE GREENSBORO WILD FLOWER CLUB
PROGRAM JUNE 6, 1963

EDITORS' NOTES;

WITH SUMMER GETTING AWAY FROM US IN SUCH A HURRY, I AM WONDERING IF IT WILL BE POSSIBLE TO GET THE NEWSLETTER IN THE MAIL IN TIME FOR US ALL TO MAKE OUR PLANS TO ATTEND THE FALL MEETING.

YOUR EDITOR HOPES THAT EACH MEMBER AND THEIR FAMILIES HAVE HAD A GOOD SUMMER, WITH A NICE LONG VACATION, AND ARE READY TO TACKLE JOBS AND SCHOOL WITH VIM, VIGOR AND VITALITY.

AGAIN I AM PLEADING FOR ARTICLES FOR OUR NEWSLETTER. DR. WILLIAM S. JUSTICE OF ASHEVILLE HAS CONTRIBUTED A LETTER THAT VOICES SUCH CONCERN THAT I ASK HIS PERMISSION TO USE IT IN THIS LETTER. NOT ONLY IS IT BEING USED IN THIS LETTER, BUT I COPIED IT AND SENT IT TO THE EDITOR OF THE NORTH CAROLINA GARDENER, MRS. W.C. LANDOLINA, SR., WHO PLANS TO USE IT SOON, WITH THE HOPE THAT OVER TWENTY THOUSAND GARDEN CLUB MEMBERS WILL GO TO THEIR SCHOOLS AND SUPPORT DR. JUSTICE IN THIS CONCERN.

MRS. LANDOLINA SENT ME THE NAME OF THE CONSERVATION CHAIRMAN OF THE GARDEN CLUB OF NORTH CAROLINA, MRS. JOHN W. ORMAND OF MONROE, NORTH CAROLINA. I HAVE HER NAME ON THE MAILING LIST THIS TIME. WE WOULD LIKE VERY MUCH TO HAVE HER AS A MEMBER OF THE NCWFPS.

MRS. HERBERT P. SMITH, OUR MUCH LOVED FIRST PRESIDENT, WAS KIND ENOUGH TO GET THE ARTICLE ON MEDICINAL HERBS AND PLANTS OF THE ANCIENTS BY MRS. STELLA S. BUTNER OF GERMANTOWN, N.C. I HOPE OUR MEMBERS WILL ENJOY HER ARTICLE AS MUCH AS I HAVE. WE WOULD LOVE TO HAVE MRS. BUTNER AS A MEMBER

TO MRS. G.O. DOAK OF CHAPEL HILL AND MRS. J.N. PLASTER OF WINSTON-SALEM, I AM MOST GRATEFUL FOR THEIR HELP AND ENCOURAGEMENT. IF THEY THINK OF SOMEONE THAT MIGHT BE INTERESTED IN ORGANIZATION, THEY SEND IN THE

EDITORS NOTES: 4

NAME AND ADDRESS FOR A NEWSLETTER. IF THEY KNOW A MEMBER IS NOT GETTING HIS OR HER NEWSLETTER, THEY WRITE AND TELL ME GIVING THE CORRECT ADDRESS. MISS POPE AND I BOTH NEED THE ASSISTANCE OF EVERY MEMBER TO KEEP OUR MAILING LIST CORRECT. YOU KNOW WHEN YOUR ADDRESS IS CHANGED BUT WE DO NOT. WE WISH THAT YOU WOULD FURNISH US WITH INFORMATION AS IF WE NEVER KNEW ANYTHING, AND ASK US FOR INFORMATION AS IF WE KNEW EVERYTHING THAT WAS HAPPENING IN THE ORGANIZATION.

AGAIN FOR WANT OF SOMETHING BETTER, I AM USING AN ARTICLE THAT I PRESENTED AS ONE PART OF A PROGRAM TO THE GREENSBORO WILD FLOWER CLUB. I HOPE THAT ALL OF OUR MEMBERS KNOW THAT THE GREENSBORO WILD FLOWER CLUB WAS THE RECIPIENT AGAIN THIS YEAR OF THE BOONE BOTANICAL GARDEN STATE AWARD. IT WAS A SILVER TRAY TO GO WITH THE SILVER PUNCH BOWL WE WON TWO YEARS AGO.

IF YOU HAVE NOT PAID YOUR DUES TO MISS BESSIE POPE-P.O. BOX 1264 HIGH POINT, N.C. FOR THIS YEAR, PLEASE MAIL HER A CHECK FOR \$1.00 NOW!

I ALMOST FORGOT TO TELL YOU, OUR SECRETARY IS NO LONGER MISS REBECCA CAUSEY BUT MRS. LEONARD COLON CARTER. I AM SURE THAT YOU WILL ALL JOIN ME IN WISHING THEM MUCH HAPPINESS.

MRS. JOHN W. HIGGINS, 921 WOODBROOK DR., GUILFORD COLLEGE GAVE MY MORAL² QUITE A BOOST WITH A NICE NOTE AND CLIPPING. MRS. HIGGINS IS THE SISTER OF MRS. LEONARD COLON CARTER.

DEATH NEVER TAKES A HOLIDAY IT SEEMS. MRS. R.N. MUSGRAVE OF 2016 ROANOKE DR., GREENSBORO, N.C. HAS LOST HER HUSBAND SINCE OUR LAST MEETING. MR. MUSGRAVE WHILE NOT A MEMBER OF OUR ORGANIZATION

OR OF THE GREENSBORO WILD FLOWER CLUB, WAS A STAUNCH SUPPORTER OF BOTH. HE WILL BE MISSED BY HIS MANY FRIENDS. MRS. CHARLES W. ELLNER AND HER MANY FRIENDS GRIEVE WITH HER IN THE PASSING OF HER DAUGHTER. MRS. PHIL WICKER WAS RECENTLY CALLED TO FLORIDA WHEN A BROTHER-IN-LAW PASSED RATHER SUDDENLY. LET US JOIN WILLIAM CULLEN BRYANT IN

THANATOPSIS...AS HE SAYS SO BEAUTIFULLY;

"SO LIVE THAT WHEN THY SUMMONS COMES TO JOIN
THE INNUMERABLE CARAVAN THAT MOVES
TO THAT MYSTERIOUS REALM, WHERE EACH SHALL TAKE
HIS CHAMBER IN THE SILENT HALLS OF DEATH,
THOU GO NOT, LIKE THE QUARRY-SLAVE AT NIGHT,
SCOURGED TO HIS DUNGEON, BUT, SUSTAINED AND SOOTHED
BY AN UNFALTERING TRUST, APPROACH THY GRAVE
LIKE ONE WHO WRAPS THE DRAPING OF HIS COUCH!
ABOUT HIM, AND LIES DOWN TO PLEASANT DREAMS."

YOUR EDITOR,
MRS. WALTER B. BRAXTON.

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