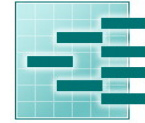


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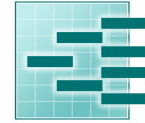
P e d i g r e e S o f t w a r e S o l u t i o n s



Formed in 1997

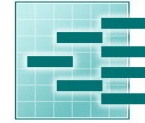
by

Libby Henson
and
Margaret Hargreaves



Breed Society Record – the History

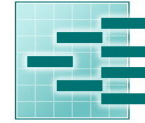
- Idea conceived - Sept. 1999
- Skeleton system installed for first 2 breeds - Dec 99
- Approx 10 new breeds join the Grassroots family every year
- Began agency service for the RBST - Combined Flock Book - April 01
- Development of *Geneped* in 2003
- *Pedeweb* up and running in 2004



Breed Society Record – now

- Over 80 breeds using the software
 - 30 sheep breeds
 - 14 Cattle breeds
 - 18 Equine breeds
 - 15 Pig breeds
 - 1 Goat breed
 - 1 Alpaca
 - 6 Breeds in USA

- Over half of these breeds use *Pedeweb*

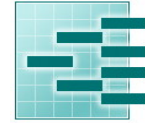


Application Forms



Results

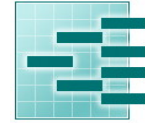




Breed Society Record in the BGS Office

Full Membership Records

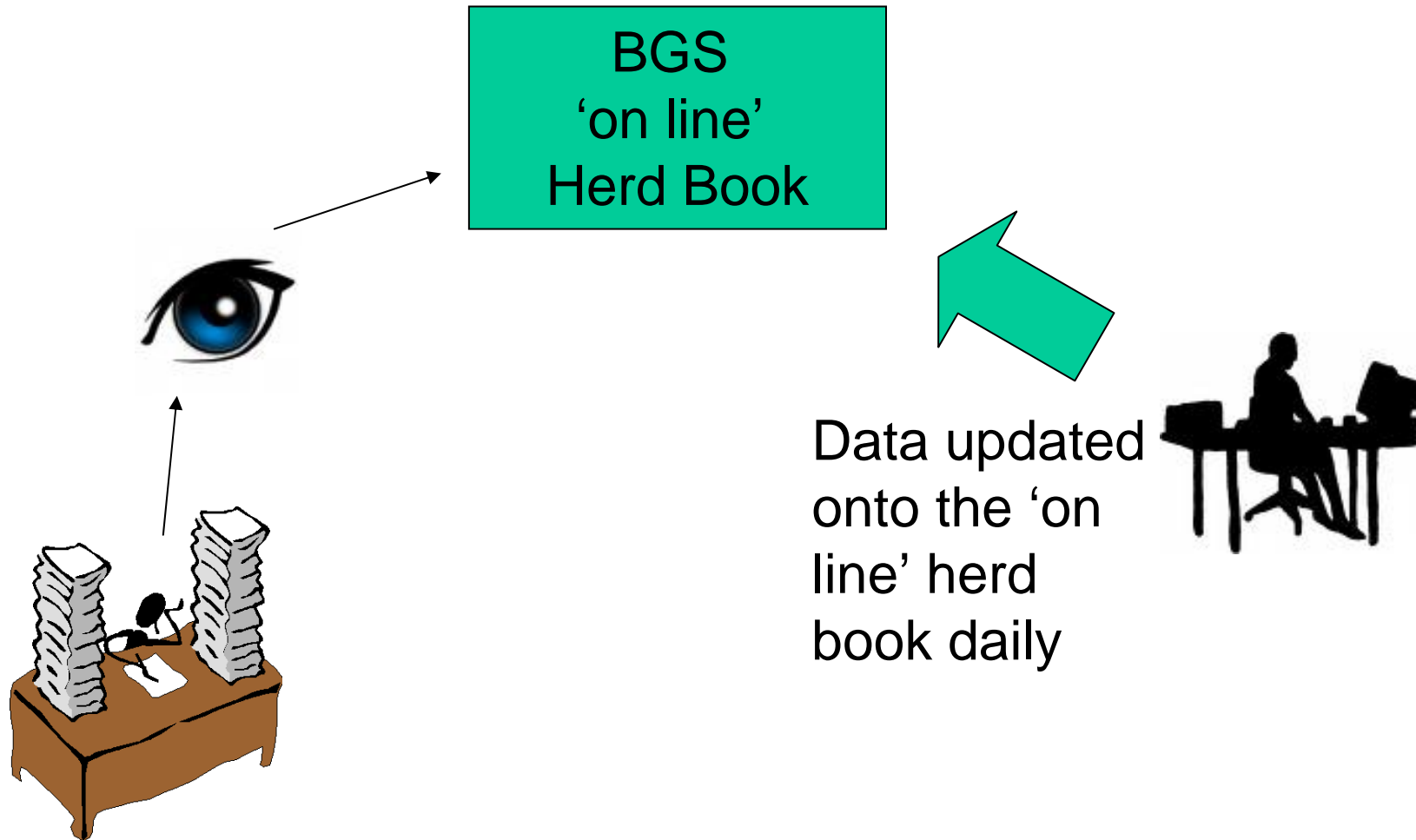
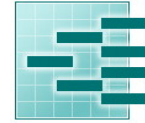
- Easy contact
- Management of subscription renewal
- Mail merge
- Bulk emails
- Analysis by breed, geographical location, herd size etc
- Mapping

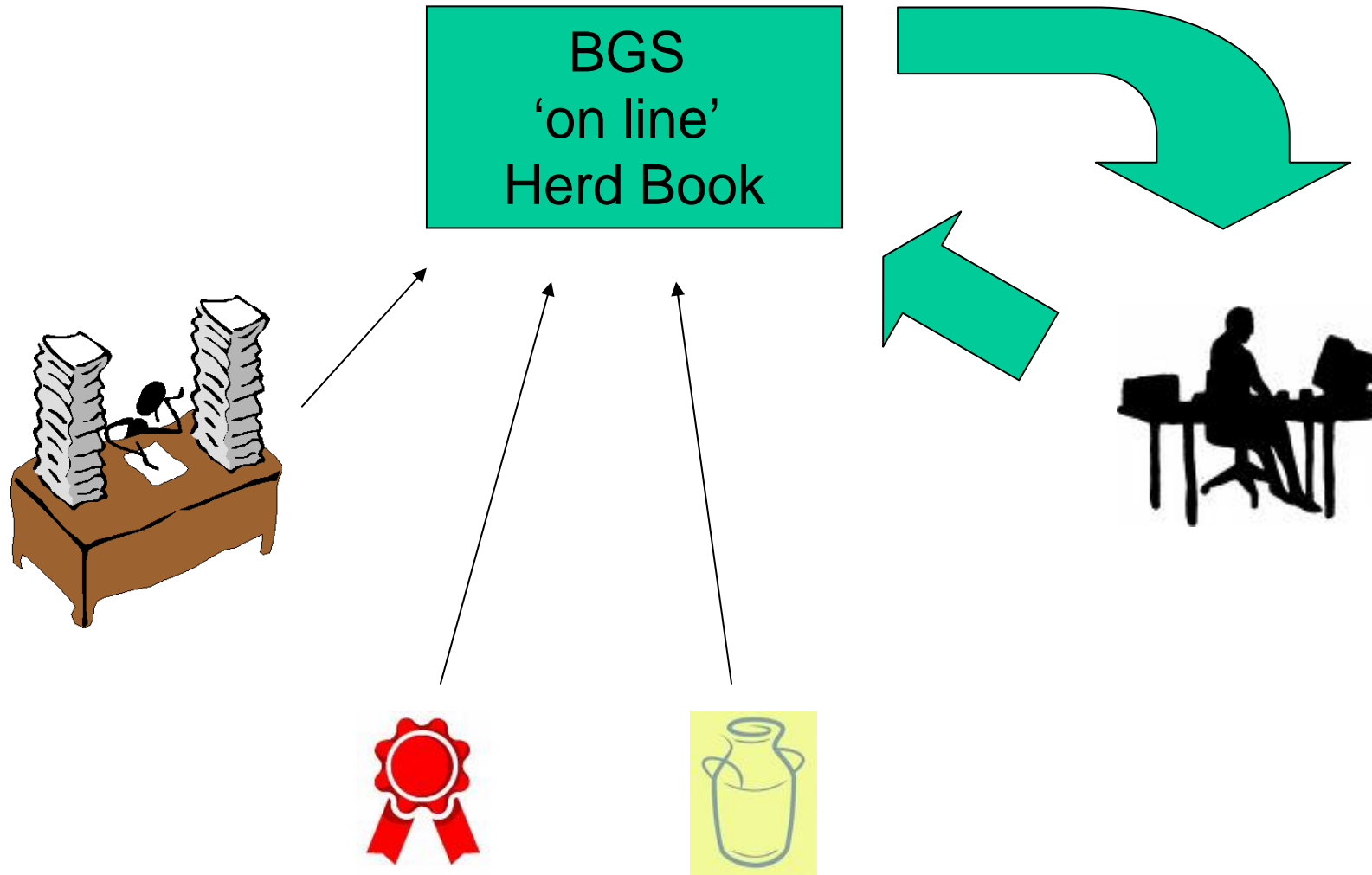
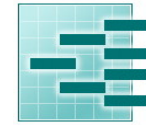


Breed Society Record in the BGS Office

Full Animal Records

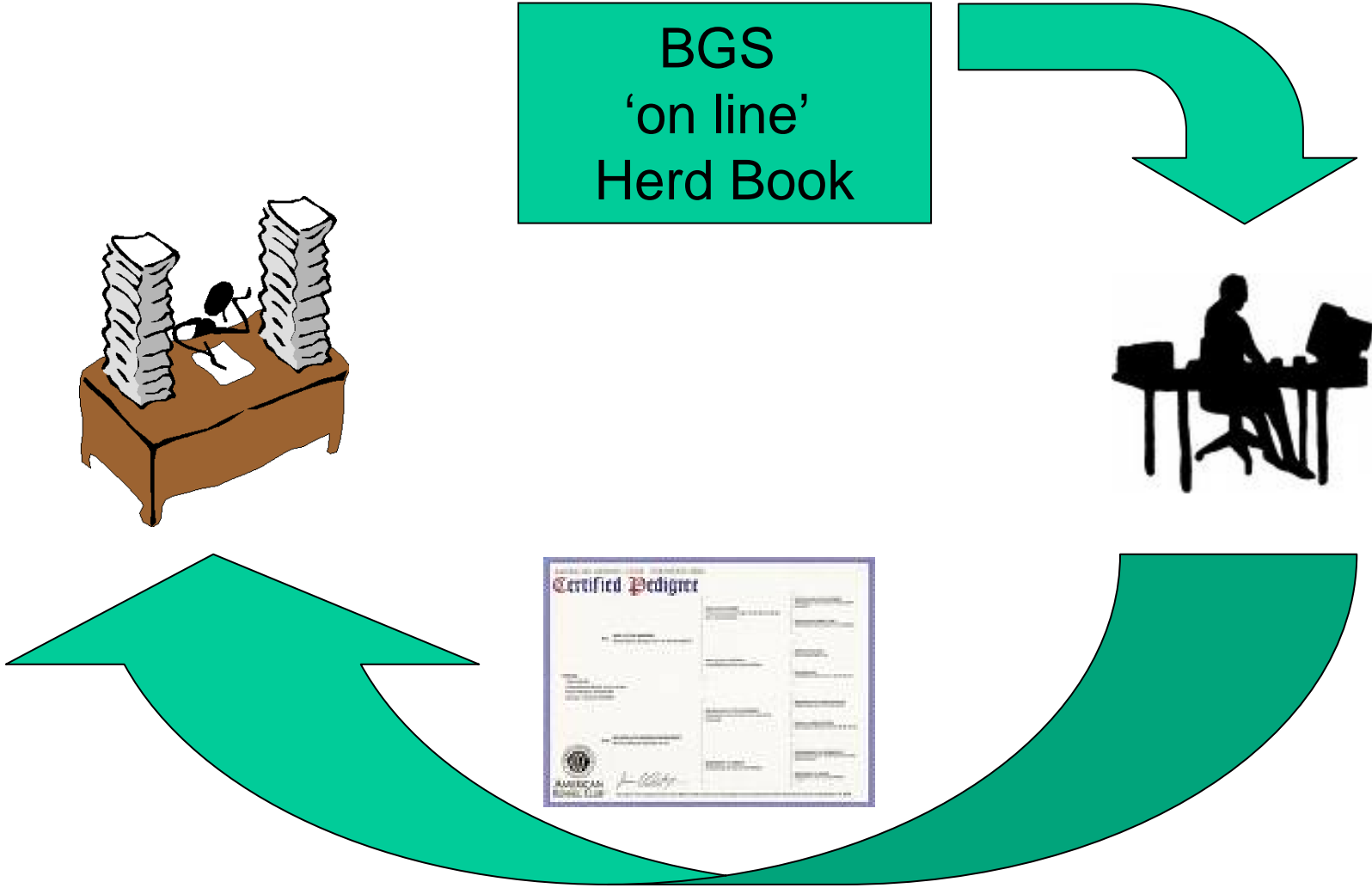
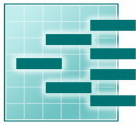
- Easy logging of paper applications
- Comprehensive analysis by breed, geographical location, blood line, daggers, stars etc
- Mapping
- Option to do population genetic analysis

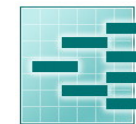




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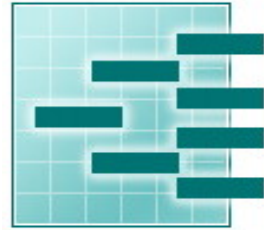
Pedigree Software Solutions





Standard system

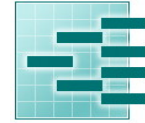
- Data Conversion
- Pedeweb 'on Line' Herd Book, with full member access
- Book keeping



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P e d i g r e e S o f t w a r e S o l u t i o n s

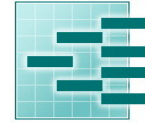
**Bespoke Enhancements
for the BGS**



Milk Recording - Now

Milk Recorders send results to Breed Secretary

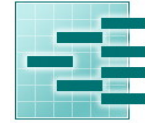
- Secretary then :
- types the results into the database
- works out if the animal is eligible for R, RM or AR standard
- annotates the highest yield for the record with
“ ”



Milk Recording with *Pedeweb*

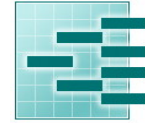
Each Milk Recording Secretary :

- Would be given a special password which gives them access to the milk recording screen on *pedeweb*
- They log the results against each nanny



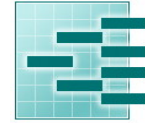
Milk Recording in the office

- The breed secretary would download the information in their daily routine
- The system would check for anomalies
- Record the raw data against each nanny in the database
- Calculate the R, RM or AR standards
- Annotate the correct yield and standard to the name



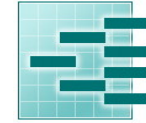
Section Marks

- Awarded to males when mothers and paternal grandmothers achieve R, RM or AR status
- Double section marks when sire is also eligible for a section mark
- Section mark also annotated with the dam and grand-dam's milk yield.
- Currently done semi manually – we would fully automate this process



Daggers

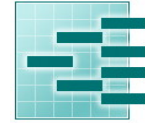
- In a similar way, daggers are awarded to males according to their dam and granddam status with respect to * and Q* show awards
- Currently done by hand when the females qualify for these awards and when males are registered
- Our system would automatically check for these every time a male is registered or a * or Q* is awarded, make the necessary adjustments and produce a report of what it has done.



Lactation Details

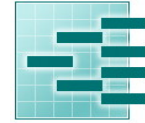
Goat : BT12345D – Barley Mow Holly
born 24/02/2004

Date of Kidding	Lact No	Yield KGS	Lact Days	% Fat	% Prot	No Test	Reason	End Lact Date
04/03/2006	1	1638.50	365	4.15	3.04	11	365 Days	04/03/2007
		1691.50	397	4.16	3.06	11	Dry	05/04/2007
11/03/2008	2	2310.40	365	3.42	2.63	12	365 Days	11/03/2009



Shows

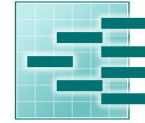
- Our sincere thanks to Susan
- extremely complicated and time consuming procedures for processing show results
- If the committee approve we propose to write a special module to handle your shows, the results and the resulting awards



Shows with *pedeweb*

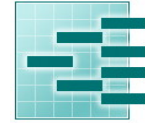
To include :

- On-line entries
- Check kidding dates – currently done by hand
- Produce standard reports (catalogue pages, stewards sheets etc)
- 'Smart' stewards Excel spread sheet



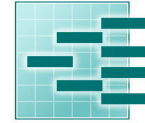
Shows - 'smart' spread sheet

- ☰ Catalogue number
- ☰ Name of exhibitor
- ☰ Name of goat (without awards)
- ☰ Registered number
- ☰ Date last kidding
- ☰ Boxes to key in milk yield and records am & pm
- ☰ Spreadsheet will automatically calculate
total butterfat, protein, yield and points



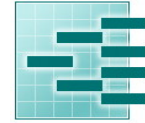
Show Results to Secretary

- Once completed, a copy of the 'smart spreadsheet' would be returned to the breed secretary as an attached email.
- The information would be 'sucked' into the database
- Records would be held against each nanny and against the show
- Reports could also be produced



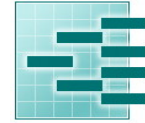
* and Q* Awards

- Currently these are meticulously checked and awarded, largely on a manual system
- We would create a formula to calculate which animals are eligible for * and Q*
- Search back through the dam line to allocate the generation number
- Check daughters and modify generation number if appropriate
- Produce a certificate if required



Challenge Certificates and Championships - Now

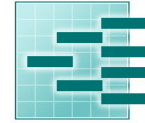
- Judges report sheets - comments and selection for best of show, best in each breed and reserves.
- This is cross checked manually against the milk points and number forward, to determine championships for that show.
- Carefully copied, by hand, onto a card index, one card / goat



Challenge Certificates and Championships - Now

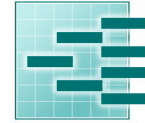
Finally - Animals who have won :

- the required number of championships
- under the correct number of different judges
are extracted manually in order to add their
Ch or BCh notation in the Herd Book.



Challenge Certificates and Championships - Proposal

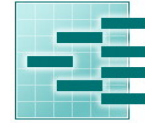
- To create a new screen in the office system for the breed secretary to key in the results
- An automated system to check the milk records, class size and allocate the championship
- Automated system to add the Ch and BCh
- Produce the certificate
- Add the animals to the correct Herd Book list



Challenge Certificates and Championships – Back-data

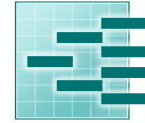
The only 'hitch' with this part of the proposal is that in order for the system to automatically check eligibility for Ch and BCh the information currently only held on the card index will need to be typed into the system for all living goats.

This is not an insurmountable problem.








Cups and Special Awards

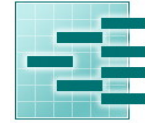
- Each with different requirements
- New report into excel with all the relevant information
- Can be sorted and filtered to determine the winner of each cup and award



The Way Forward in the office





A far more powerful and efficient office based system for your new secretary

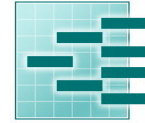
-  Powerful
-  Flexible
-  Easy to use
-  Reliable
-  Well tested and supported



The Way Forward for the members







Immediate access to the database for your members to see :

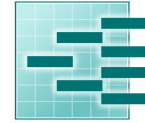
-  Pedigrees and Progeny lists
-  Show Results
-  Awards
-  Milk Records
-  Goats for sale or hire



The Way Forward 'on line' application

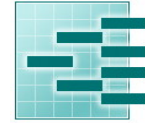
Option for your members to make on line application to record :

-  Deaths
-  Transfers
-  Births
-  Service Certificate
-  Show entries
-  Flag animals available for sale or hire



The Way Forward Milk Records

- Enable Milk Recorders to input their records direct – easing the secretaries work load
- Automatic allocation of awards
- Milk records and awards available to view in 'on line' herd book

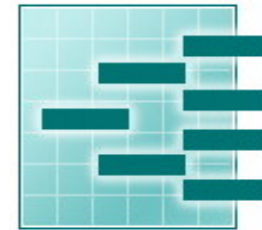


The Way Forward Show Results

- Assisting Show stewards
- Remove the ability to show unregistered goats
- Streamline the calculation of points
- Assist the secretary in inputting results
- Automatic allocation of awards
- Speedy access to these results via the 'on-line' herd book

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P e d i g r e e S o f t w a r e S o l u t i o n s



We very much hope
the BGS will decide
to join the ever
growing number of
breeds in the
'Grassroots family'