Andrey Vivienne, 1, 2e, 3, 8; Paltridge, Helen Winifred, 2, 6; Pannell, Walter Edwin, 2, 11; Paull, Charles Cameron, 2, 3, 8, 9; Pavia, Dorothy Adele, 5; Pearce, Florence Emily Sylvia, 2, 3, 7; Pearce, John Ellis, 2; Pearce, Mabel Ferry, 5, 10; Pellew, Clarence Everard, 2, 5, 9; Pender, Ian Basil, 1, 10, 12; Pender, Roy, 8, 10; Penny, Winifred, 15a; Peters, Arthur Henry, 5, 7, 8, 9; Pfeiffer, Friedrick Arthur, 7c, 8, 9; Pflaum, Grace Evelyn, 1, 8; Phillips, Jane, Elfreda, 1, 2, 3, 13; Piesse, Florence Ethel, 1, 2, 6, 14; Pobjoy, Dorothy, 2, 14; Potter, Roy Adolph, 5; Pusey, Gerald Dobson, 3, 8,

Queale, Margaret, 1, 5, 8, 9. Rabbitt, Ellen Gertrude, 8; Ragless, Lena Ruby, 6, 10; Randell, Guy Roy Cave, 2, 7, 12; Randell, Raymond Keith, 1, 8, 9; Ranford, Mariory Northmore, 5: Renfrey. Leslie Cotswold, 1, 2, 9; Rhodes, Randall Lance, 8, 9; Rice, Agnes Rose, 5, 7, 9; Rice, Ernest Oliver Roy, 2, 8, 9; Richardson, Dorothy Haywood, 8, 9; Richardson, Osma Voy, 1, 2, 8, 10; Ringwood, Winifred Annie, 2, 8, 14; Roach, Dorothy Angela, 1, 3, 0; Roberts, Edward Augustus, 8, 9, 10; Rodereda, Cyril George, 1, 2, 5, 6; Rogers, Cecile Margaret, 15a; Ross, Gladys Simcoe, 1, 2, 14; Rowe, Irene Hilda, 9, 10, 15a; Roydhouse, Jack. 8, 9; Russel, Ralph Wilham, 1, 6, 8, 9; Russell, Dorothy Zeba, 10,

Samson, William Frederick, S. 10; Saunders, Florence Anne, 5; Schlank, Olive Marjorie, 6, 9; Schroeder, Walter Louis, 15a: Scott, Agnes Elsie, 1, 3, 8, 9; Scott, Evelyn Louisa, 5; Scott, Lilian Maud, 1, 3, 6, 14; Soully, John Patrick, 2, 5, 6, 9; Self. Thomas Arthur. 1, 2, 9, 10: Sharp, Malcolm Robert, 8, 11; Shaw, Ailsa Wilson, 1, 2, 6, 14; Shaw, Ernest Arch-bold, 1, 2, 3, 8; Shaw, Harold, 3, 8, 9, 10; Shaw, Hilda Gladys, 1, 3, 8; Shaw, Kate Hambly, 5, Sc. 9; Simpson, William Harold, 2, 8, 10; Sinclair, John Mitchell, 2, 8, 9; Skuce, Frances, 1, 6, 8, 9; Smily, Elsie Hilda, 15a; Smith, Annie Maud Mary, 2, 8, 9: Smith. Decimus David, 2, 8, 9; Smyth, George Vincent, 1, 6; Snook, Harry, 1, S, 9, 10; Snowball, Grace Isabel, 3, 13, 14; Snowden, Ernest Harry, 5, 6, 8, 10; Somers, Muriel, 2, 3, 8; Somerville, Marie Louisa, 5; Souter, Ethel Jeanette, 14: Sowter, Eleanor, 2, 5, 9, 15a; Stanbury, Mary Conway, 1, 2, 3, 14; Stephens, Hilda Alice, 15a; Stevens, Norman Botting, 8, 9, 10, 11; Steward, Hilda Margaret, 13; Stirling, Lewis Gray, 2, 9; Stone, Daisy Victoria, 1, 2, 6, 9; Stratford, Clarence Roy, 2, 3, 11; Sullivan, Mary Teresa, 2, 8; Sundberg, Selma, 3, 8; Sutton, Muriel May, 5, 9; Symons, Ivor Gordon, 5c.

Tavrant, Gertrude Lilian Ellen, 1, 2, 6, 9; Taylor, Benjamin Thomas, 5, 7, 9; Taylor, Charles Whitfield, 3; Taylor, Hilda Amelia, 1, 8c; Theel, Percy Elliott, 8, 9, 13; Tilbrook, Emily Grace, 3, 5, 11; Tomkins, Daisy, 5, 8; Topperwien, Jessie Jeannette, 5, 15a; Tregoning, Fanny Irene Grace, 5, 9; Trim, Sydney, 2, 3, 8, 10; Troy, Martin John, 2, 8, 9; Uncie, Violet, 1, 2, 3, 14.

Verco, George Cyvil, 2, 9; von Dittmer,

Clarence Arnold, 8; Vowles, Mary Catherine, 1, 6.

Walker, Vernon Lee, 2, 5, 9, 10; Wallace, Claire Alexandrina, 1, 6, 9; Wallace, Elsie Olive, 7, 8, 9; Wamsley, Florence Maude Lucy, 5, 9; Ward, Elsie Annie, 13, 14; Weatherill, Ewart Maurice, 2, 8, 9; Webb, Leonard George, 5, 7; Webster, Frank Irwin, 8, 9; Weedon, Frank Lewis, 8, 9; Welbourn, Natalie Estelle, 1, 2, 13, 14; Welch, Georgina Eva, 2, 3; Weller, Emma Elizabeth, 5; Wheaton, Phoebe, 5, 8, 9, 14; Whitely, William, 1, 5, 6, 10; Wicks, Sydney John, 2, 8; Wilkinson, Sylvia Adelaide, 1, 2, 3, 15a; Wilkinson, Sylvia Ruby, Gertrude, 10, 15a; Williams, Ruby Gertrude, 10, 15a; Wilmshurst, Jessie Marie, 12; Willimott, Evelena Cleave, 1, 2, 8, 14; Wilson, Rose, 2, 3, 10; Wilton, Amy Gladys, 5; Woodley, Matthew Warren, 5, 8, 11, 12; Woods, Marga-

Yeo, Albert Roy, 5, 9, 10; Young, Ida, Ethel, 1, 2, 3, 8c; Young, Max Adolphus, 9; Young, Ralf Blakeney, 1c, 8, 9, 10.

The following correction has to be made in the senior list:—Moyes. Albert George, ought to be the nineteenth on the underage section of the general honour list.

retta Esther, 15a.

Advertiser, Jan. 18th. 1919

Our Melbou ne correspondent telegraphed last night; -Dr. W. G. Duffie d, D.Sc., the brilliant young Australian scientist, who has taken high honors in the Manchester and Adelaide Universities, arrived in Melbourne this week to promote the cause of the proposed Australian solar observatory. Dr. Duffield has seen the Prime Min ster. and although no promise was given, there is reason to believe that if private subscriptions from the universities, scientists, pastoral interests, and others directly interested are of such a character as to show a genuine desire on the part of the promoters not to depend solely on Government assistance, a small vote in aid may be submitted to Parliament.

edduchier, Jan. 2nd. 1909

SOLAR RESEARCH. It is to be hoped that Dr. W. G. Duffield will secure the assistance he is seeking from the Commonwealth Government in the establishment in Australia of a solar observatory. For some time past the brilliant scientist, who has taken high honors in the Adelaide and Manchester Universities, has shown commendable enthusiasm in the matter. Without pledging himself definitely on the subject, the Prime Minister has allowed Dr. Duffield to understand that a small vote may be submitted if the Government are satisfied that there is evidence enough in the support otherwise accorded to the scheme, that scientists, pastoralists, and others are genuinely desirous of such an institution. Rapid progress has in recent years been made in all branches of astronomy, and it is expected, as Mr. Barrachi, the Victorian Government Astronomer, recently mentioned, that in the near future there will be available a complete chart of the heavens. Mr. Duffield's desire is that the Commonwealth should co-operate with the solar physics observatories Europe, America, and India in their work of studying the sun. A few months ago he contributed to the "Empire Review" an admirable article dealing with the position, and pointing out the urgent need there is for Australia to contribute its share to the investigations which are essential to a thorough mastery of the subject. Several cogent reasons were adduced why this country should supplement the important work done at other centres. As was natural, attention was directed to the improved means which modern science has discovered and adopted for the adequate discharge of solar investigation. Nothing could supply a stronger incentive to any nation or society to undertake observations of this kind than the possession of equipmen't which makes accurate data reasonably certain. From a scientific point of view the whole question is fraught with the utmost interest. There are, however, utilitarian motives which should also be considered. What, for instance, is the relation between sunspots and rainfall? This is only one of a number of questions which arise in this connection. Duffield has pointed out, "Australia's interest in problems connected with her rainfall, and also her unique climatic conditions, well fit her to join India in establishing an observatory devoted to solar physics." Geographically work can be done in this continent which would not be possible else-

where, and the atmospheric conditions

are very favorable to observations.